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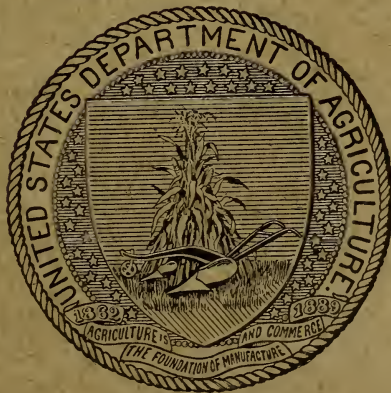
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## PUBLICATIONS OF THE LIBRARY OF THE DEPARTMENT OF AGRICULTURE.

### BULLETINS.

- No. 1. Accessions to the Department Library [January-March], 1894.
2. Periodicals and society publications currently received at the Department Library. 1894.
3. Accessions to the Department Library, April-June, 1894.
4. Accessions to the Department Library, July-October, 1894.
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9. List of publications of the U. S. Department of Agriculture from 1841 to June 30, 1895, inclusive. 1896.
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13. Accessions to the Department Library, July-September, 1896.
14. Accessions to the Department Library, October-December, 1896.
15. Accessions to the Department Library, January-March, 1897.
16. References to the literature of the sugar beet, exclusive of works in foreign languages; compiled by Claribel R. Barnett. 1897.
17. Accessions to the Department Library, April-June, 1897.
18. Bibliography of poultry; compiled by Emma B. Hawks. 1897.
19. Accessions to the Department Library, July-September, 1897.
20. Reference list of publications relating to edible and poisonous mushrooms; compiled by Josephine A. Clark. 1898.
21. Accessions to the Department Library, October-December, 1897.
22. Accessions to the Department Library, January-March, 1898.
23. Accessions to the Department Library, April-June, 1898.
24. List of publications relating to forestry in the Department Library. 1898.
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35. Accessions to the Department Library, January-March, 1901.
36. Accessions to the Department Library, April-June, 1901.
37. Catalogue of the periodicals and other serial publications (exclusive of U. S. Government publications) in the Library of the U. S. Department of Agriculture; prepared under the direction of Josephine A. Clark, Librarian. 1901.

U. S. DEPARTMENT OF AGRICULTURE.

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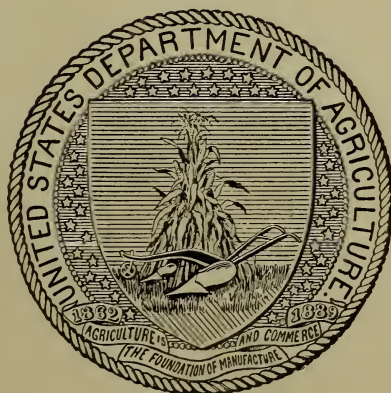
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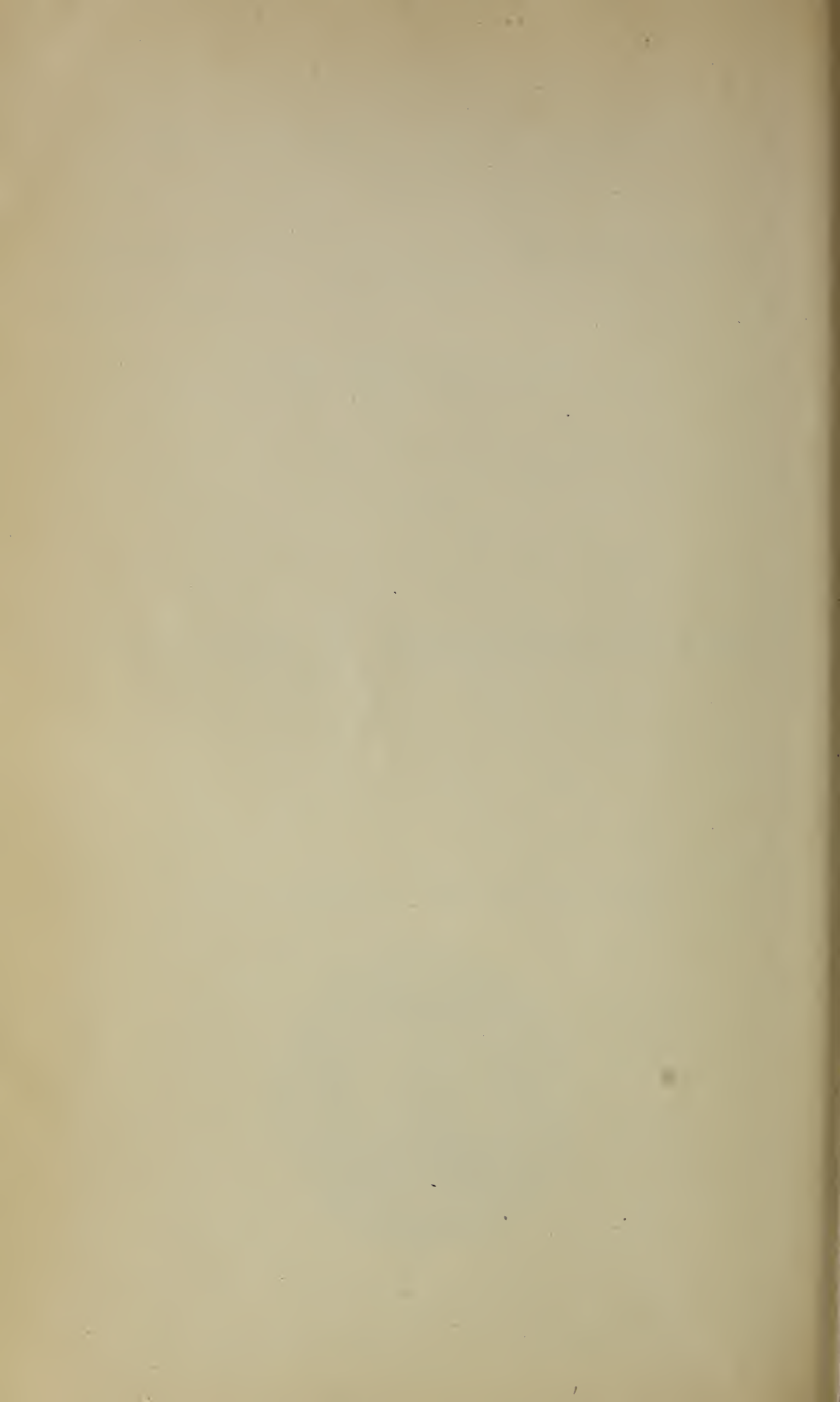
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## LETTER OF TRANSMITTAL.

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U. S. DEPARTMENT OF AGRICULTURE,  
OFFICE OF THE LIBRARIAN,  
*Washington, D. C., January 22, 1903.*

SIR: I have the honor to transmit herewith the manuscript of "Accessions to the Department Library, October-December, 1902," and to recommend the publication of the same as Bulletin No. 45 of the Library.

Very respectfully,

JOSEPHINE A. CLARK,  
*Librarian.*

Hon. JAMES WILSON, *Secretary.*





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### 1. AGRICULTURE.

**American ruralist**, [weekly], Apr. 3-Dec. 25, 1858. v. 1, no. 1-39. f°. Springfield, Ohio, 1858.

Edited by J. R. Dodge.

**Belgium—Agriculture, Ministère de l'Agronomie de l'état, Service des. Monographie agricole de la région des Polders.** pp. 85. 4°. Bruxelles, 1902.

**Benson, Charles.** "India in 1887 as seen by Robert Wallace"; a brief reply. pp. 34. 8°. Madras, Printed by Addison & co., 1889.

**Bersch, Wilhelm.** Die moderne landwirthschaft. lief. 15-22. il. pl. 8°. [Wien], n. d.

**Borchardt, A.** Die bauerlichen verhältnisse im südwestlichen und zentralen Russland. pp. 62. 8°. Berl., 1902. (GERMANY—*Auswärtiges amt.* Berichte über land- und forstwirtschaft im auslande. no. 2.)

**British Columbia—Farmers' institutes, Superintendent of.** 3d report of the Farmers' institutes, 1900-01. pp. [105]. 4°. Victoria, 1902.

**British farmer's magazine**, [quarterly], Nov., 1826-1859. v. 1-n. s., v. 37. il. 8°. Lond., 1826-59.

**Canadian association of fairs and exhibitions.** 1st annual report, for the year 1901. pp. 40. il. 8°. Toronto, Ontario department of agriculture, 1901.

**Cape of Good Hope—Agriculture, Department of.** [Publications.] 1901, no. 7; 1902, no. 3, 12-13, 16-17. 8°. Cape Town, [1901-02].

**Connecticut—Agriculture, Board of.** 35th annual report of the secretary, 1901. pp. 322+57. 8°. Hartford, 1902.

**Cyprus—Agriculture, Department of.** Annual report, 1901/02. pp. 19. 8°. Nicosia, Cyprus, 1902.

**Farmer's magazine**, [monthly], Jan. 1863-June 1868. ser. 3, v. 23-33. il. 8°. Lond., Rogerson & Tuxford, [1863-68].

**Fream, William.** Elements of agriculture; a text-book prepared under the authority of the Royal agricultural society of England. Ed. 7. pp. 486. il. 12°. Lond., John Murray, 1902.

**Grandeau, Louis.** Les progrès de l'agriculture et les syndicats agricoles. pp. 31. 8°. Paris, 1899.

Conférence faite à la Société centrale du travail professionnel, le 27 février 1889.

**Hansen, K., compiler.** Fortegnelse over danske landbrugsskrifter; bidrag til en systematisk fortegnelse over den danske landbrugslitteratur, udgivet af den 18. Danske landmandsforsamlings landbohistoriske sektion. pp. 159. 8°. Odense, 1900.

**Illinois—Farmers' institute.** Annual report, with reports of county farmers' institutes, 1902. v. 7. pp. 514. il. por. 8°. Springfield, 1902.

**India—Madras presidency—Land records and agriculture, Department of.** Report on the operations of the department, 1896/97–97/98. f°. Madras, 1898–99.

**Jahresbericht** über den zustand der landeskultur im gebiete der Landwirthschaftskammer für die provinz Posen, 1901/02. pp. 64. 8°. Posen, [1902].

**Jeanneney, A.** La Nouvelle-Calédonie agricole, nature minéralogique et géologique du sol; renseignements pratiques pour les émigrants. pp. 344. 16°. Paris, Augustin Challamel, 1894.

Agr 3—98

**Leipzig. Universität—Landwirtschaftliches institut.** Mittheilungen. heft 1. pp. 170. pl. 8. 8°. Berl., Paul Parey, 1897.

**Maine—Agriculture, State board of.** Agriculture of Maine; 44th–45th annual report of the secretary 1900–01. pl. 8°. Augusta, 1901–02.

**Malmöhus läns Kongl. hushållnings-sällskap.** Kvartalsskrift, 1902, no. 3. pp. 361–504. 8°. Malmö, 1902.

**Martin, A. L., compiler.** List of county and local agricultural societies, with names and addresses of presidents and secretaries and dates for holding fall exhibitions of 1902. pp. 12. 8°. [Harrisb.], 1902. (PENNSYLVANIA—Agriculture, Department of. Bulletin no. 95.)

**Mentzel und von Lengerke's landwirtschaftlicher hülfs- und schreib-kalender** . . . erster theil, 1902. jahrg. 55. 16°. Berl., Paul Parey, 1902.

— — — zweiter theil, 1902. jahrg. 55. 16°. Berl., Paul Parey, 1902.

**Minnesota state agricultural society.** Annual report, 1901. pp. 181. 8°. St. Paul, 1902.

**Nebraska—Agriculture, State board of.** Annual report, 1900–01. il. pl. 8°. Lincoln, 1901–02.

**New York farmers.** Proceedings, 1901/02. pp. 49. 4°. N. Y. [1902].

**Norway—Landbruksdirektøren.** Aarsberetning angaaende de offentlige foranstaltninger til landbrugets fremme i aaret 1901. 1. Statsforanstaltninger. pp. 557. il. 8°. Kristiania, 1902.

**Novo-Aleksandriiskii institut sel'skagho khozyaistva i lyesovodstva** [New Alexandria institute of agriculture and forestry]. Zapiski [Memoirs]. v. 1–5, 7–8, 12–14. 4°. Varshava, 1877–1901.

Completes set with exception of v. 6.

**Ohio—Farmers' institutes.** Bulletin of farmers' institutes to be held . . . 1902/03. pp. 60. 8°. Springfield, Ohio state board of agriculture, 1902.

**Old farmer's almanack** . . . established in 1793, by Robert B. Thomas, 1846, 1848–49. no. 54, 56–57. 12°. Boston, Jenks, Palmer & co., [c 1845–48].  
no. 54, 1846, title reads: Farmer's almanack.

**Ontario—Farmers' institutes, Superintendent of.** Report, 8th, 1901/02, pt. 1. pp. 128. il. 8°. Toronto, 1902.

**Pennsylvania—Agriculture, Department of.** 7th annual report, 1901, pt. 2. pp. 464. 8°. [Harrisburg], 1902.

**Pennsylvania—Agriculture, Department of.** Farmers' institutes in Pennsylvania, to be held . . . 1902/03. pp. 67. map. 8°. [Harrisb.], 1902. (PENNSYLVANIA—Agriculture, Department of. Bulletin no. 103.)



**Porto Rico**—*Interior, Departamento del—Agricultura y minas, Oficina de.* Boletín agrícola, [monthly], July–Aug. 1902. no. 1–2. 8°. San Juan, 1902.  
no. 1, title reads: Boletín.

**Poulet, Georges.** Le livre du colon. pp. 432. 12°. Paris, Augustin Challamel, 1899. Agr 3—100

**Revista** (La) agrícola; periódico quincenal . . . publicado bajo los auspicios de la Secretaría de fomento . . . México, Nov. 15, 1901–Nov. 1, 1902. v. 17. pp. 384. il. f°. México, 1902.

**Rural Carolinian**; an illustrated magazine of agriculture, horticulture, and the arts, [monthly], Oct. 1871–Sept. 1872, Oct. 1874–May 1875, July–Sept. Nov. 1875. v. 3, 6, no. 1–8, 10–12, 14. il. 8°. Charleston, S. C., Walker, Evans & Cogswell, 1872–75.

**Russia**—*Zemledeliya i ghosudarstvennuikh imushchestv, Ministerstvo—Sel'skoj ékonomii i sel'skokhozyaistvennoj statistiki, Otdyel* [Agriculture and crown lands, Ministry of—Rural economy and agricultural statistics, Section of]. Svod statisticheskikh svyedenii po sel'skomu khozyaistvu Rossii k kontzu 19 vyeka [Digest of statistical information on rural economy in Russia at the end of the 19th century]. pt. 1. pp. 213. f°. S.-Peterburgh, 1902.

**Saussine, G.** La première année d'agriculture tropicale. pp. 316. il. 12°. Paris, Augustin Challamel, 1900. Agr 3—103

**Sweden**—*Statistiska centralbyrån.* Jordbruk och boskapsskötsel. 36. Hushållningssällskapens berättelser för år 1900. v. p. f°. Stockholm, 1902.

**Tropical agriculturist**; a monthly record of information for planters of tea, cacao, coffee, palms, rubber, cinchona, sugar, fibres, cotton, tobacco, spices, camphor, rice and other products suited for cultivation in the tropics . . . edited by J. Ferguson, July 1901–June 1902. v. 21. pp. 862. 4°. Colombo, Ceylon, A. M. & J. Ferguson, 1902.

Contains as supplements: Agricultural magazine, Colombo, v. 13; Tea, coffee, cinchona, cocoa, and cardamom sales, June 1901–May 1902; Royal botanic gardens, extracts from the report of the Director for 1901.

**Up to date farming and gardening.** Controlling prices of farm products; the American society of equity—proposed. pp. [8]. f°. Indianapolis, 1902.

**Wallace, Robert.** Allotments and small farms. pp. 11. 8°. Edinb., Oliver & Boyd, 1889. Agr 2—30

Reprinted from the *Glasgow herald* of 21st Feb., 1889.

**Wallace, Robert.** Australasian agriculture. pp. [38]. 8°. [Lond., 1893].

From *Journal of the Royal colonial institute*, no. 4, session 1892–93, pp. 225–262. Agr 2—31–32

**Wallace, Robert.** A few interesting features of the agricultural situation; a paper read in section F (economics) of the British association, Edinburgh meeting, on Monday, 8th August, 1892. pp. 12. 8°. Edinb., Oliver & Boyd, [1892]. Agr 2—38

**Wallace, Robert.** Introductory lecture to the agriculture class on some interesting features of Australasian agriculture, Wednesday, 23d Oct. 1889. pp. 19. 8°. Edinb., Oliver & Boyd, [1889]. (EDINBURGH university, session 1889–90). Agr 2—23

**Wallace, Robert.** Key to W. & A. K. Johnston's series of agricultural diagrams, arranged by Robert Wallace. pp. 16. 12°. Edinb., W. & A. K. Johnston, [1892]. Agr 2—33

**Wallace, Robert.** Lecture on "Indian agriculture & foreign competition"; with discussion thereon . . . Paisley, on 10th Nov. 1887. pp. 16. 8°. Paisley [Scotland], J. & J. Cook, 1888. (RENFREWSHIRE agricultural society.) Agr 2—28

**Wallace, Robert.** Opening address on Egyptian agriculture, Thursday, 22d Oct. 1891. pp. 26. 8°. Edinb., Oliver & Boyd, [1891]. (UNIVERSITY OF EDINBURGH—Agriculture department.) Agr 2—37



**Wallace, Robert.** Professor Wallace's opening address to the class of agriculture and rural economy, Wednesday, 24th Oct. 1888. pp. 20. 8°. Edinb., Oliver & Boyd, [1888]. Agr 2—20

**Wallace, Robert.** Review of a specimen of the work of the agricultural department of Madras; being a criticism of a pamphlet written by Mr. C. A. Benson. pp. 14. 8°. Edinb., Oliver & Boyd, 1889. Agr 2—42

**Wallace, Robert.** Special report on the agricultural resources of Canada. pp. 48. il. 8°. [Ottawa], 1894. Agr 2—34

Published by authority of the government of Canada (Department of the interior).

**Westermann, T.** Uddrag af fremmed litteratur vedrørende landbrugets jorddyrkning og plantekultur for aar 1900. pp. 147. 8°. Kjøbenhavn, 1902.

Sertryk af Tidsskrift for landbrugets planteavl, 8.

**Wiesbaden—Landwirtschaftskammer.** Jahresbericht über den zustand der landeskultur im gebiete der landwirtschafts-kammer für den reg.-bezirk Wiesbaden für das jahr 1901. pp. 84. 8°. Wiesbaden, 1902.

## 2. AGRICULTURAL EDUCATION.

**Alabama—Agricultural and mechanical college for negroes, Normal, Ala.** Catalogue, 1901/02. pp. 95. il. 8°. [Nashville, Tenn., 1901.]

**Briarcliff Manor, N. Y. School of practical agriculture and horticulture.** [Catalogue, 1901/02.] unp. il. ob. 24°.° [N. Y., 1902.]

**Chile—Instituto agrícola.** Reglamento orgánico. pp. 20. 16°. Santiago de Chile, 1901.

**Chile—Instituto agrícola—Asociación de los antiguos alumnos.** Anuario, 1902. v. 1. pl. 4°. Santiago de Chile, Imprenta franco-chilena, 1902.

**Great Britain—Agriculture, Board of.** Annual report on the distribution of grants for agricultural education and research, 1901/02. pp. 119. 8°. Lond., 1902.

**Hays, Willet Martin.** Agriculture and rural life in public schools. pp. [17]. il. 8°. St. Paul, Minn, 1901.

Reprint from the 11th biennial report of the State superintendent of public instruction.

**Hohenheim, K. württembergische landwirtschaftliche akademie.** Jahresbericht, 1901/02. pp. 62. 8°. Plieningen, 1902.

**Illinois state teachers' association—County superintendents' section.** Course of study for the common schools of Illinois; revised in 1897, and enlarged in 1900 and in 1901 by the addition of brief courses in agriculture given on pages 144 to 156. pp. 158. il. 8°. Taylorville, Ill., C. M. Parker, 1902.

**Illinois—University—College of agriculture.** Addresses, dedication agricultural building, May 21, 1901. pp. 64. 1 pl. 8°. n. p., [1901].

**Milan. Reale scuola superiore d' agricoltura in Milano.** Notizie, regolamenti e programmi, 1899/1900. pp. 111+196. il. f°. Milano, 1900.

**Milan. Reale scuola superiore d' agricoltura in Milano.** Regolamenti e programmi per l' anno scolastico, 1896/97. pp. 99. 4°. Milano, 1897.

**Norges landbrugshøiskole.** Beretning om Norges landbrugshøiskole, 1901/02. pp. 298. il. pl. tab. 8°. Kristiania, 1902.

**North Carolina—College of agriculture and mechanic arts.** A. & M. college record. v. 1, no. 2. pp. 12. 24°. [West Raleigh], 1902.

Contents:—A day at the A. & M. college; or, What industrial education is.

**North Dakota—Agricultural college, Fargo.** Annual catalog, 1902/03. pp. 94. il. 8°. Fargo, [1902]

**Ohio—University—College of agriculture and domestic science.** Catalogue, 1901/02. pp. 92. il. 8°. Columbus, 1901. (Ohio—University. University bulletin. ser. 5, no. 9.)

**Pennsylvania**—*State college*. Annual report, 1900/01. pp. 439. pl. 8°. [Harrisburg], 1902.

**True**, Alfred Charles. Address on the educational values of courses in agriculture; with an introduction by W. O. Thompson. pp. [16]. 8°. [Columbus], n. d. (OHIO—*University*. University bulletin. ser. 6, no. 19.)

**Wallace**, Robert. Agricultural and dairy schools; being a review of the reports of the Agricultural and dairy schools commission. pp. 6. 8°. n. p., 1888. Agr 2—27

**Wallace**, Robert. Agricultural education in its various aspects; being the inaugural address delivered in the University of Edinburgh, on Wednesday, 28th October 1885. pp. 23. 8°. Edinb., Oliver & Boyd, [1885]. Agr 2—19

**Wallace**, Robert. A central normal school of agriculture. pp. 7. 8°. Edinb., The Darien press, [1890]. Agr 2—40

Extracted from the *Times*, 23d Aug., 1890.

**Wallace**, Robert. A central normal school of agriculture; letter . . . in reply to Mr. Thomas Bell. pp. 8. 8°. Edinb., The Darien press, [1890]. Agr 2—41

Extracted from the London *Times*, 25th Sept., 1890.

**Wallace**, Robert. Education in agriculture; being an article which appeared in the *National review*, April, 1888. pp. 8. 8°. Lond., W. H. Allen & co., 1888. Agr 2—22

**Wallace**, Robert. Opening lecture to the 4th special class for rural schoolmasters, on the means for agricultural education in Scotland, Monday, 6th July, 1891. pp. 19. 8°. Edinb., Oliver & Boyd, 1891. (EDINBURGH university.) Agr 2—39

**Wallace**, Robert. Rural-school education in agriculture (Scotland), being the opening lecture delivered in the University of Edinburgh on Monday, 3rd Sept., 1888 to a special class of 50 rural-school teachers. pp. 18. 8°. Edinb., Oliver & Boyd, [1888]. Agr 2—21

**Weihenstephan** (*Ger.*), **Königlich bayerische akademie für landwirtschaft und brauerei in**. Bericht, 1901/02. pp. 112. 8°. Freising, 1902.

### 3. EXPERIMENT AND SEED-CONTROL STATIONS.

**Cambridge** (*Eng.*) **university**—*Agriculture, Department of*. 4th annual report on experiments with crops and stock, carried out in contributing counties, 1901/02. pp. 84. tab. 8°. Cambridge, 1902.

**Canada**—*Central experimental farm*. Report of the Director, 1901. pp. 86. pl. 8°. Ottawa, 1902.

From the *Annual report on the Experimental farms for 1901*.

**Canada**—*Experimental farms*. General index to the reports and bulletins, 1887—1901. pp. 194. 8°. Ottawa, 1902.

**Dumraon** (*India*) **experimental farm**. Annual report, 1900/01. pp. 12. 8°. Calcutta, 1901.

**Groningen** (*Netherlands*), **Rijkslandbouwraproefstation te**. Verslag, 1901. pp. 32. 8°. 's Gravenhage, 1902.

**Halle a. S. Universität**—*Landwirthschaftliches institut*. Berichte aus dem physiologischen laboratorium und der versuchsanstalt. heft 16. pp. 161+60. il. 1 pl. 4°. Dresden, 1902.

**Hernösand**, **Frökontrollanstalt i**. Berättelse öfver verksamheten, 1901. pp. 15. 12°. Hernösand, 1902.

**India**—*Assam—Land records and agriculture, Department of*. Annual note on crop experiments in Assam for 1901/02. pp. 17. f°. Shillong, 1902.

**India**—*Bombay presidency—Agriculture, Deputy director of*. Annual report on the cultural, dairying, and breeding operations conducted on experimental farms and gardens in the Bombay presidency, 1901/02. pp. 35. f°. Bombay, 1902.



**Jena. Universität**—*Landwirthschaftliche versuchsstation*. Bericht über die thätigkeit für das jahr 1901. pp. 22. 4°. [Jena, 1902.]

**Lawes agricultural trust**. Rothamsted experiments; plans and summary tables, arranged for reference in the fields. pp. 19. il. 4°. [Lond.], 1902.

**Le Feuvre, René F.** Short sketch on the "Quinta normal de agricultura," Santiago, Chile. pp. 33. pl. 28. 4°. Santiago de Chile, Imprenta moderna, 1901. (BUFFALO, N. Y. Pan-American exposition, 1901.)

**Marburg (Ger.), Landwirthschaftliche versuchsstation zu**. Jahresbericht über das etatsjahr 1901/02. pp. 26. 4°. [Marburg, 1902.]

**Mauritius**—*Station agronomique*. Rapport annuel pour 1901. pp. 65. 8°. Maurice, 1902. (MAURITIUS—*Station agronomique*. Bulletin no. 6.)

**Milan. Reale scuola superiore di agricoltura in Milano**—*Istituzione agraria* Dott. *Andrea Ponti*. Annuario . . . anni rurale 1892, 1892/93 e 1893/94. fasc. 1. pp. 239. 4°. Milano, 1897.

**Molkom (Sweden), Wermlands läns frökontrollanstalt och kemiska laboratorium i**. Redogörelse för verksamheten, 1900. pp. 34. 12°. Karlstad, 1901.

**Norges landbrugshøiskole**. Akervektstforsøg, 1901; aarsberetning for budget-aaret, 1901/02. pp. 44. 8°. Kristiania, 1902.

**Ploti. Sel'sko-khozyaistvennaya opuitnaya stantziya [Agricultural experiment station]**. Godičnuñ otchet Plotyanskoñ sel'sko-khozyaistvennoñ opuitnoñ stantziñ knyazya P. P. Trubetzkago. [Annual report of the Ploti agricultural experiment station of prince P. P. Trubetzkoi], 7th, 1901. pp. 180. charts. 8°. Odessa, 1902.

**Vivenza, Alessandro**. L' istituto colturale del R. istituto agrario sperimentale di Perugia. pp. 90. 4°. Perugia, Guglielmo Donnini, 1902.

*Contents*:—L' insegnamento delle coltivazioni ed i mezzi didattici, sperimentali e dimostrativi dell' Istituto agrario di Perugia (relazione sul primo quinquennio di insegnamento)—La concimazione chimica del frumento nell' Umbria (relazione su esperimenti fatti nel quadriennio 1898-1902).

**West Indies (British)**—*Agriculture, Imperial department of*. Report on certain economic experiments conducted in connection with the Botanic station, Antigua, 1901/02. pp. 12. f°. Barbados, 1902.

**Wyoming**—*Agricultural experiment station*. 12th annual report, 1901/02. pp. 63. 8°. Laramie, [1902].

#### 4. SOILS AND FERTILIZERS.

**Chile**—*Comité nacional de propaganda de abonos*. Los guanos empleados como abonos. pp. 63. 4°. Santiago de Chile, 1900. .

**Deutsche landwirtschafts-gesellschaft**—*Sonderausschuss für abfallstoffe*. Mustergültige einföhrung des torfstuhlverfahrens in kleineren und mittleren städten. pp. 76. il. 8°. Berl., 1902. (DEUTSCHE LANDWIRTSCHAFTS-GESELLSCHAFT. Arbeiten. no. 74.)

Agr 2—45

**Eckart, Charles F.** Report on fertilization, by Charles F. Eckart, chairman of committee; submitted to the Hawaiian sugar planters' association, Nov., 1901. pp. 45. 8°. Honolulu, Hawaiian gazette co., 1901.

**Le Feuvre, René F., and Dagnino, Arturo**. El salitre de Chile ó nitrato de soda. pp. 79. 8°. Santiago de Chile, Imprenta Cervantes, 1893. (CHILE—*Industria y obras públicas, Ministerio de*. [Publications.])

**Lemmermann, Otto**. Die düngerlehre; lehrbuch zum selbstunterricht, sowie zum gebrauch für studierende und lehrer der landwirtschaft. pp. 240. il. 4°. Leipzig, Moritz Schäfer, 1902.

From Settegast's Die lehre von der landwirtschaft.

**Passon, Max.** Handbuch des düngewesens. pp. 335. il. tab. 8°. Leipz., M Heinsius nachfolger, 1902. Agr 2—49

**Patterson, Harry Jacob.** Phosphates; phosphatic or phosphoric acid fertilizers; the different sources and forms of phosphoric acid used in agriculture, and their methods of preparation and application. pp. 88. 8°. [Harrisb.], 1902. (PENNSYLVANIA—*Agriculture, Department of.* Bulletin no. 94. Agr 2—44

**Pennsylvania—Agriculture, Department of.** Tabulated analyses of commercial fertilizers . . . January 1st, 1902, to August 1st, 1902. pp. 137. 8°. [Harrisb.], 1902. (PENNSYLVANIA—*Agriculture, Department of.* Bulletin no. 101.)

**Schultz-Lupitz.** Die kalk-kali-phosphatdüngung; vortrag gehalten in der Oekonomischen gesellschaft im königreiche Sachsen, Dresden, am 6. november 1891. pp. 38. 8°. Dresden, G. Schönfeld, 1892. Agr 2—48

**Svoboda, H.** Felddüngungsversuche mit melasse-schlempe-dünger in den jahren 1900 und 1901. pp. 18. 8°. [Wien, 1902.]

Sonderabdruck aus der *Zeitschrift für das landwirthschaftliche versuchswesen in Oesterreich*, 1902.

**Thoms, George.** Die ergebnisse der dünger-kontrolle, 1900/01, bericht 24. pp. 55. tab. 8°. Riga, Jonck und Poliewsky, 1902.

Sonderabdruck aus der *Baltischen wochenschrift für landwirthschaft, gewerbefleiss und handel*, 1902.

**Vienna. K. k. landwirthschaftlich-chemische versuchsstation in Wien, and Vienna. K. k. landwirthschafts-gesellschaft in Wien.** Bericht über die . . . in Niederösterreich veranstalteten demonstrations-düngungs-versuche, erstattet von Otto Reitmair, 1901. pp. 69. map. 8°. [Wien] 1902.

Sonderabdruck aus der *Zeitschrift für das landwirthschaftliche versuchswesen in Oesterreich*.

**Voorhees, Edward Burnett.** Fertilizers, the source, character, and composition of natural, home-made, and manufactured fertilizers, and suggestions as to their use for different crops and conditions. Ed. 4. pp. 335. 12°. N. Y., The Macmillan company, 1902.

## 5. IRRIGATION.

**Lévy Salvador, Paul.** Hydraulique agricole. v. 2. pp. 668. il. pl. 18. 12°. Paris, P. Vicq-Dunod & cie., 1898. (BIBLIOTHÈQUE du conducteur de travaux publics.)

*Contents:*—Des irrigations.

## 6. PLANT DISEASES.

**Borg, John.** Diseases of the orange tree and their treatment. pp. 38. 8°. n. p., 1901. (MALTA ARCHÆOLOGICAL AND SCIENTIFIC SOCIETY. [Publication.] )

**Bruhne, Karl Heinrich Hartwig Franz.** Hormodendron hordei; ein beitrage zur kenntniss der gerstenkrankheiten. pp. 32. 8°. Halle a. S., 1894. Inaugural-dissertation . . . Halle-Wittenberg.

**Champville, G. Fabius de.** Les ennemis du blé; essai d'entomologie pratique. [Ed. 3.] pp. 156. il. 8°. Paris, F. de Launay, 1901.

**Chile—Estación de patología vegetal.** Publicaciones, [monthly], Apr. 1900–Oct. 1901. no. 3–14. il. 4°. Santiago de Chile, Imprenta moderna, 1900–01.

Wanting no. 5, July 1900.

**Fernald, Henry Torsey.** Some common insect pests of the farmer. pp. 32. il. pl. 8°. [Harrisb.], 1902. (PENNSYLVANIA—*Agriculture, Department of.* Bulletin no. 99.) Agr 3—183

**Howard, Albert.** General treatment of fungoid pests. pp. 43. il. 12°. n. p., 1902. (WEST INDIES (*British*)—*Agriculture, Imperial department of.* Pamphlet series. no. 17.)



**Howard, Albert.** Suggestions for the removal of epiphytes from cacao and lime trees. pp. [9]. 8°. n. p., [1902]. (WEST INDIES (*British*)—*Agriculture, Imperial department of.* [Publication.])

Reprinted from the *West Indian bulletin*, v. 3, no. 2, pp. 189-197, 1902.

**Lavergne, Gaston.** Observaciones sobre algunas enfermedades de la vid en 1899-1900. Ed. 2. pp. 14. il. 4°. Santiago de Chile, Imprenta moderna, 1900. (CHILE—*Comité nacional de propaganda de abonos.* [Publications.])

**Le Feuvre, René F.** Instrucciones para combatir en las viñas la enfermedad denominada "antracnosa." pp. 8. 8°. Santiago de Chile, 1880. (CHILE—*Hacienda, Ministerio de.* [Publications.])

**Massachusetts—Agriculture, Board of.** Insecticides and their application; compiled . . . by F. H. Fowler. pp. 16. 8°. Boston, 1891.

**Schlœsing frères & cie.** Les maladies de la vigne et leur traitement; le soufre précipité Schlœsing. pp. 12. il. 8°. [Marseille, 1901?]

**Strohmeyer, Otto August Karl.** Anatomische untersuchung der durch Ustilagineen hervorgerufenen missbildungen. pp. 82. pl. [3]. 8°. Erlangen, Aug. Vollrath, 1896.

Inaugural-dissertation . . . Erlangen.

**Stubenrauch, Arnold V.** Fundamentals of spraying. pp. 36. il. pl. 8°. [Harrisb.], 1902. (PENNSYLVANIA—*Agriculture, Department of.* Bulletin. no. 93.)

Agr 2-89

## 7. FIELD CROPS AND INDUSTRIAL PLANTS.

**Beaumont, Gaston.** L'industrie cotonnière en Normandie; son histoire sous les différents régimes douaniers. pp. 210. 8°. Paris, Arthur Rousseau, 1901. 2-20697  
Bibliographie, pp. 209-210.

Thèse . . . Univ. de Paris.

**Boname, Ph.** Culture de la canne à sucre à la Guadeloupe; avec notes additionnelles sur la fabrication du sucre, et sur la culture de quelques plantes tropicales, caféier, cacaoyer, bananier, etc. Ed. 2 enl. pp. 303. 4°. Paris, Challamel et cie., 1888.

Agr 3-92

**Borchardt, A.** Der weizenbau im südwestlichen und zentralen Russland und seine rentabilität. pp. 34. il. 8°. Berl., 1902. (GERMANY—*Auswärtiges amt.* Berichte über land- und forstwirtschaft im auslande. no. 3.)

Agr 2-187

**Coulombier, F.** L'arbre à thé. pp. 164. il. 8°. Paris, Augustin Challamel, 1900. (CATÉCHISME du planteur.)

Agr 3-93

**Delteil, A.** La vanille; sa culture et sa préparation. Ed. 5. pp. 64. pl. 2. 4°. Paris, Augustin Challamel, 1902. (BIBLIOTHÈQUE d'agriculture coloniale.)

**Dubard, Marcel, and Eberhardt, Philippe.** Le ricin; botanique, culture, industrie et commerce. pp. 88. il. 4°. Paris, Augustin Challamel, 1902. (BIBLIOTHÈQUE d'agriculture coloniale.)

Extrait de *L'agriculture pratique des pays chauds.*

**Élot, Auguste.** Culture et préparation du cacao à la Trinidad. pp. 31. front. il. 1 pl. 4°. Paris, Augustin Challamel, 1900. (BIBLIOTHÈQUE de la "Revue des cultures coloniales.")

Agr 3-94

**Etienne, August.** Die baumwollzucht im wirtschafstprogramm der deutschen übersee-politik. pp. 49. 1 pl. 8°. Berl., Hermann Paetel, 1902. (DEUTSCH-ASIATISCHE GESELLSCHAFT. Schriften. heft 1.)

Agr 2-91

**Gross, Emanuel.** Ueber die cultur des krens. pp. 7. 8°. Wien, Selbstverlag des verfassers, 1897.

Agr 2-86



**Henry, Yves.** Détermination de la valeur commerciale des fibres de coton. pp. 86. il. 4°. Paris, Augustin Challamel, 1902. (BIBLIOTHÈQUE d'agriculture coloniale.)

Agr 3—96

Extrait de *L'agriculture pratique des pays chauds*.

**India—Central provinces—Agriculture, Department of.** Bulletin. no. 7. 8°. Nagpur, 1902.

*Contents.*—No. 7. *Paspalum dilatatum*; a new fodder grass for India.

**Janville, P. de.** Atlas de poche des plantes utiles des pays chauds les plus importantes pour le commerce. pp. 173. il. 16°. Paris, Paul Klincksieck, 1902. (BIBLIOTHÈQUE de poche du naturaliste. v. 12.)

**Kronfeld, Moriz.** Geschichte des safrans (*Crocus sativus* L. var. *culta autumnalis*), und seiner cultur in Europa . . . nebst Ulrich Petrak's Anleitung zum safranbau, und einem anhang, Die safranfälschungen, von T. F. Hanausek. pp. 110. il. 1 pl. 16°. Wien, Moritz Perles, 1892.

**Laurent, L.** Le tabac; sa culture et sa préparation, production et consommation dans les divers pays. pp. 337. il. 4°. Paris, Augustin Challamel, 1900. (Produits naturels des colonies et cultures tropicales.)

1-F-2671

**McDowell, Douglas E.** Ginseng; its history, cultivation, market value, and profits. [Ed. 2.] pp. 31. il. 16°. [Corning, Ia., Free press publishing co.], 1902.

2—21255

**Preuss, Paul.** Le cacao; sa culture, sa préparation. pp. 127. il. pl. 8°. Bruxelles, Imprimerie A. Lesigne, 1902.

Extrait du *Bulletin de la Société d'études coloniales de Belgique*.

Traduction de la deuxième partie du rapport intitulé *Expédition nach Central- und Südamerika*, présenté par Paul Preuss.

**Prinsen Geerligs, H. C.** On cane sugar and the process of its manufacture in Java. Ed. 2 enl. pp. 106. 8°. Altrincham, Eng., Office of the "Sugar cane," 1902.

**Prudhomme, E.** Le quinquina, culture, préparation, commerce. pp. 84. il. 4°. Paris, Augustin Challamel, 1902. (BIBLIOTHÈQUE d'agriculture coloniale.)

Agr 3—101

Extrait de *L'agriculture pratique des pays chauds*.

**Rigaud, A.** Traité pratique de la culture du café dans la région centrale de Madagascar. pp. 102. 4°. Paris, Augustin Challamel, 1896. (BIBLIOTHÈQUE d'agriculture coloniale.)

Agr 3—102

**Schneider, Vlad.** Über die schutzmarke beim hopfenverkaufe; ein beitrage zur lösung der existenzfrage der böhmischen hopfenproduzenten. pp. 61. 12°. Prag, Verlag der "Österreichischen brauer- und hopfen-zeitung, 1895.

**Shamel, Archibald Dixon.** Study of farm crops, [monthly], Sept., 1900–Aug., 1901. no. 1–12. il. 12°. Taylorville, Ill., C. M. Parker, 1900–01.

Agr 2—186

No more published.

Davenport, Study of farm animals, is counted as a 2d series of this publication.

**Wallace, Robert, and Kinch, Edward.** Natural and artificial food of Scotch hill sheep. pp. 32. 8°. [Edinb., 1884.]

Agr 2—26

From the *Transactions of the Highland and agricultural society of Scotland*, ser. 4, v. 16, pp. 250–280.

## 8. HORTICULTURE AND LANDSCAPE GARDENING.

**Allgemeine deutsche garten-zeitung**, [weekly], 1823–34. v. 1–12. il. 4°. Passau & Regensburg, Friedrich Pustet, 1823–34.

Agr 2—84

No more published.

Herausgegeben von der Praktischen gartenbau-gesellschaft in Frauendorf.

**Arnott, S.** Book of climbing plants and wall shrubs. pp. 124. il. 12°. Lond., John Lane, 1903 [1902]. (HANDBOOKS of practical gardening. v. 10.)

Agr 2—85

**Beckett, Edwin.** Book of the strawberry, with sections also on the raspberry, blackberry, Logan berry, and Japanese wineberry. pp. 83. il. 1 pl. 12°. Lond., John Lane, 1902. (HANDBOOKS of practical gardening. v. 9.)

**Borg, John.** Culture and diseases of the orange tree. pp. 16. f°. n. p., [1900?]

**Elliott, James Wilkinson.** Plea for hardy plants with suggestions for effective arrangement. pp. 76. il. 4°. N. Y., Doubleday, Page & co., 1902. 2-24747

Reprinted from the *Transactions of the Massachusetts horticultural society*, pt. 1, 1895, with additional plans and copious illustrations by F. Horace McFarland and others.

**Geisenheim, Kgl. lehranstalt für wein-, obst- und gartenbau zu.** Bericht für das etatsjahr 1901. pp. 179. il. pl. 2. 8°. Wiesbaden, 1902.

**Gill, W. B.** Jamaica fruits in British markets. pp. 9. 8°. Kingston, Jamaica agricultural society, [1902].

**Green, Samuel Bowdlear.** Amateur fruit growing, a practical guide to the growing of fruit for home use and the market; written with special reference to colder climates. [Ed. 3.] pp. 138. il. 12°. Minneapolis, Farm, stock, and home publishing co., 1894 [1901].

**Greiner, Tuisco.** Celery for profit, an exposé of modern methods in celery growing. Ed. 9. pp. 85. il. 12°. Phila., W. Atlee Burpee & co., 1898.

**Haarlem. Algemeene vereeniging voor bloembollencultuur.** Florilegium harlemense; gekleurde afbeeldingen met beschrijving van bol- en knolgewassen, uitgegeven onder toezicht van het hoofdbestuur der "Algemeene vereeniging voor bloembollencultuur," Haarlem. unp. pl. 60. f°. Haarlem, De erven Loosjes, 1901. Agr 2-83

Limited ed. of 250 copies.

In Dutch, English, French, and German.

"The drawings, with a few exceptions, were . . . composed from nature by . . . Mr. A. Goossens."

**Hartford, Conn.—Park commissioners, Board of.** 42d annual report, 1901/02. pp. 85. pl. 8°. Hartford, 1902.

**Heyer, Friedrich.** Obstbau und obstnutzung in den Vereinigten Staaten von Nord-Amerika; nach einem reiseberichte, erstattet dem Kgl. preuss. ministerium für landwirthschaft. pp. 147. il. 8°. Berl., Paul Parey, 1886. 2-6274

**Howard, W. L.** Propagation and management of fruit trees. pp. 11. il. 8°. [Columbia, Mo., 1902.] Agr 2-82

Reprint from *Annual report of Missouri state board of agriculture*, 1902, pp. 205-215.

**Illustration (L') horticole**, journal populaire de l'horticulture dans toutes ses branches, [semi-monthly], 1854-66, 1876, 1878-80, 1892-96. v. 1-13 (ser. 2, v. 3), v. 23 (ser. 3, v. 7), v. 25-27 (ser. 3 v. 7-11), v. 39-43 (ser. 5, v. 6-ser. 6, v. 3). il. 4° (v. 39-40, f°). Gand & Bruxelles, 1854-[96].

v. 1-13, title reads: "L'illustration horticole, journal spécial des serres et des jardins."

v. 23, 25-27, title reads: "L'illustration horticole, revue mensuelle des serres et des jardins."

v. 39-40, title reads: L'illustration horticole, revue mensuelle des plantes les plus remarquables, des introductions nouvelles et des faits les plus intéressants de l'horticulture.

Previous to v. 41, 1894, published monthly.

— Table générale des matières contenues dans les dix premiers volumes. pp. 28. 4°. [Gand, 1864.]

**Knoop, Johann Hermann.** Fructologia; of, Beschryving der vrugtbomen en vrugten die men in de hoven plant en onderhoud. pp. 132. pl. 19. f°. Leeuwarden, Abraham Ferwerda en Gerrit Tresling, 1763. Agr 2-80

**Knoop, Johann Hermann.** Pomologia, dat is, beschryvingen en afbeeldingen van de beste soorten van appels en peeren. pp. 86. pl. [20]. f°. Leeuwarden, Abraham Ferwerda, 1758. Agr 2-79

**Le Feuvre, René F.** Notes on the vine-growing industry in Chile. pp. 11. 12°. Santiago de Chile, 1901.



**Lonsdale, Edwin.** Management of greenhouses. pp. 42. 8°. [Harrisb.], 1902. (PENNSYLVANIA—*Agriculture, Department of. Bulletin. no. 97.*) Agr 2—87

**Manning, Robert.** Book of fruits, being a descriptive catalogue of the most valuable varieties of the pear, apple, peach, plum, & cherry, for New-England culture; to which is added the gooseberry, currant, raspberry, strawberry, and the grape . . . 1st series for 1838. pp. 120. pl. 12°. Salem, [Mass.], Ives & Jewett, 1838.

Agr 2—88

**Molon, Girolamo.** Le varietà di piante da frutto raccomandabili per l'Alta Italia. fasc. 1-3. 4°. Milano, 1895-96. (MILAN. REALE SCUOLA SUPERIORE DI AGRICOLTURA IN MILANO—*Istituzione agraria Dott. Andrea Ponti.* [Publication.])

**Nichols, Rose Standish.** English pleasure gardens. pp. 324. il. pl. 8°. N. Y., The Macmillan company, 1902. 2—27703  
Bibliography, pp. 301-308.

**Queen Victoria Niagara Falls park.** 15th annual report of the commissioners. pp. 7. 8°. Toronto, 1901.

**Ragot, J.** Notice historique sur la Société d'horticulture de la Sarthe; suivie du catalogue général des végétaux cultivés dans les jardins de la Société. pp. 127. 8°. Le Mans, Imprimerie de l'Institut de bibliographie, 1902.

**Roberts, Harry.** Book of old-fashioned flowers and other plants which thrive in the open-air of England. pp. 111. front. il. 12°. Lond., John Lane, 1901. (HANDBOOKS of practical gardening. v. 4.) 2—17457

**Robinson, William.** English flower garden and home grounds; design and arrangement shown by existing examples of gardens in Great Britain and Ireland, followed by a description of the plants, shrubs, and trees for the open-air garden and their culture. Ed. 8. pp. 892. 8°. Lond., John Murray, 1901. 2—24415

**Royal horticultural society, London.** Catalogue of fruits cultivated in the garden of the Horticultural society of London, at Chiswick. pp. 224. 8°. Lond., William Nicol, 1826. Agr 2—18

**Salisbury, William.** Hints addressed to proprietors of orchards, and to growers of fruit in general, comprising observations on the present state of the apple trees in the cider countries . . . also the natural history of the *Aphis lanata* or American blight, and other insects destructive to fruit trees. pp. 188. pl. 2. 12°. Lond., Longman, Hurst, Rees, Orme and Brown, 1816. Agr 3—203

**Stefánsson, Stefán, and Söderbaum, H. G.** Isländska foder- och betesväxter. pt. 1. pp. 50. il. 8°. Stockholm, 1902. (SWEDEN—*Kongliga landtbruks-akademien—Experimentalfält. Meddelanden. no. 74.*)

**Viala, Pierre, and Vermorel, Victor.** Traité général de viticulture; ampélographie, publiée sous la direction de P. Viala . . . V. Vermorel . . . avec la collaboration de A. Barbier, [etc.] . . . peintures de A. Krejder et J. Troncy. v. 2-4, fasc. 5. pl. f°. Paris, 1901-02.

"Bibliographie" in footnote on first page of each chapter.

**Walker, George H., & co., publishers.** Map and index of Boston common and the public garden, showing the location and names of the trees and the arrangement of the tulips for 1901. pp. 12. map. 12°. Boston, 1901.

Map 26 x 37 in. Scale 80 feet to an inch.

**Williams, Mrs. Leslie.** Garden in the suburbs. pp. 195. il. pl. 8°. Lond., John Lane, 1901. 2—15113

Reprinted in part from *The garden, Ladies' field, and Gardening illustrated.*

**Wright, Walter P.** Pictorial greenhouse management, a practical manual giving directions for the general management of greenhouses, conservatories, and other glass structures and describing the culture and principal varieties of all the most important greenhouse and stove plants. pp. 144. il. 1 pl. 12°. Lond., Cassell and co., limited, 1902. 2—21074

## 9. FORESTRY.

**Boulger, George Simonds.** Wood; a manual of the natural history and industrial applications of the timbers of commerce. pp. 369. il. pl. 12°. Lond., Edward Arnold, 1902. Agr 2—148

Select bibliography, pp. 351-352.

**Carter, P. J.** Treatise on the mensuration of timber and timber crops. pp. 67. 8°. Calcutta, 1893.

Issued from the office of the Inspector-general of forests (India), Working-plans section.

**Cieslar, Adolf.** Ueber anbauversuche mit fremdländischen holzarten in Oesterreich. pp. 55. 8°. Wien, Wilhelm Frick, 1901. Agr 2—149

Mittheilung der K. k. forstlichen versuchsanstalt in Mariabrunn.

Separatabdruck aus dem *Centralblatt für das gesammte forstwesen*, 1901.

**D'Arcy, W. E.** Preparation of forest working-plans in India. Ed. 2. pp. 156. map, tab. 4°. Calcutta, 1895.

Issued from the office of the Inspector-general of forests (India), Working-plans section.

**Fauchald, Kr.** Forestry. pp. [19]. il. 4°. [Kristiania, 1900.] Agr 2—109

Reprint from *Norway (official publication for the Paris exhibition, 1900)*, pp. 332-350.

**Gerber, August.** Beitrag zur geschichte des stadtwaldes von Freiburg i. B. pp. 130. 8°. Tübingen, J. C. B. Mohr (Paul Siebeck), 1901. (VOLKSWIRTSCHAFTLICHE abhandlungen der badischen hochschulen. v. 5, no. 2.) Agr 2—151

Verzeichnis der benützten gedruckten quellen, pref. pp. 11-12.

**Germain, L.** Loi du 19 avril 1901 sur l'affouage communal. pp. 64. 4°. Paris, Berger-Levrault et cie., 1902. Agr 2—150

Ouvrage honoré d'une souscription du Ministère de l'intérieur.

**Goll, Wenzl.** Die karstaufforstung in Krain. pp. 120. pl. 4°. Laibach, 1898. Agr 2—152

Aus anlass des 50jährigen regierungsjubiläums seiner . . . majestät kaiser Franz Josef I, und für die Wohlfahrts-ausstellung in Wien 1898, herausgegeben von der Aufforstungs-commission für das karstgebiet des herzogthums Krain.

**Hartig, Robert.** Der echte hausschwamm und andere das bauholz zerstörende pilze; zweite auflage, bearbeitet und herausgegeben von C. freiherr von Tubeuf. pp. 105. il. 8°. Berl., Julius Springer, 1902. Agr 2—112

Einleitung und literatur, pref. pp. 5-7.

**Hempel, Gustav, compiler.** Taschenkalender für den forstwirth für das jahr 1903. jahrg. 22. pp. 330. il. map. 16°. Wien, Moritz Perles, [1902].

**Henne, A.** Hilfstafeln für forstliche zuwachs-untersuchungen. pp. 16. 16°. [Chur, Druck von Manatschal Ebner & cie., 1901.] Agr 2—153

**Hess, Richard Alexander.** Die forstbenutzung; ein grundriss zu vorlesungen, mit zahlreichen litteraturnachweisen. Ed. 2 enl. pp. 318. 8°. Berl., Paul Parey, 1901. Agr 3—71

**Hess, Richard Alexander.** Der forstschutz. Ed. 3 enl. 2 v. in 3. il. 8°. Leipz., B. G. Teubner, 1896-1900.

**Hotchkiss, George W.** History of the lumber and forest industry of the north-west. pp. 754. il. f°. Chicago, George W. Hotchkiss & co., 1898. Agr 2—154

**Hough, Romeyn Beck.** American woods, exhibited by actual specimens and with copious explanatory text. pt. 8. pp. 66. Sections 176-200. Lowville, N. Y., Published by the author, 1899.

**Hubert, E. d'.** Le bois; le liège. pp. 96. il. 12°. Paris, J. B. Baillièrre et fils, 1902. (ENCYCLOPÉDIE technologique et commerciale. Les matériaux de construction et d'ornementation. no. 1.) Agr 2—155

**India—Central provinces—Agriculture, Department of.** Bulletin. no. 8. 8°. Nagpur, 1902.

Contents:—no. 8. Note on the lac industry in the Central provinces, and the woods used in the manufacture of toys, boxes, &c.

**India**—*Forest department*. Review of forest administration in British India, 1900/01. pp. 50. f°. Calcutta, 1902.

**India**—*Imperial forest school, Dehra Dûn*. Calendar, July 1, 1900. pp. 122. 8°. Calcutta, 1902.

**Knoop**, Johann Hermann. Dendrologia; of, Beschryving der plantagie-gewassen. pp. 168. f°. Leeuwarden, Abraham Ferwerda en Gerrit Tresling, 1763. Agr 2—81

**Laschke**, Carl. Geschichtliche entwicklung des durchforstungsbetriebes in wissenschaft und praxis bis zur gründung der deutschen forstlichen versuchsanstalten. pp. 114. 8°. Neudamm, J. Neumann, 1902. Agr 2—156

Litteraturverzeichnis, benutzte litteratur, pp. 1-10.

**Laschke**, Carl. Ökonomik des durchforstungsbetriebes; national-ökonomische studie eines forstmannes. pp. 87. 8°. Neudamm, J. Neumann, 1901. Agr 2—157

**Lemmon**, John Gill. How to tell the trees, and Forest endowment of Pacific slope; also some elements of forestry with suggestions, by Mrs. Lemmon; first series, the cone-bearers. pp. 66. il. 16°. Oakland, Cal., 1902.

**Luigi**, Luis. Plantaciones para el afirmado de arenales en el Puerto Militar. pp. 17. 8°. Buenos Aires, Establecimiento tipográfico de "La agricultura," 1901.

Artículo publicado en el número especial de *La agricultura* del 1° de enero de 1901. Agr 2—113

**Martin**, Heinrich. Die folgerungen der bodenreinertragstheorie für die erziehung und die umtriebszeit der wichtigsten deutschen holzarten. v. 4-5. 8°. Leipz., B. G. Teubner, 1898-99.

**Michel**, Henry, and **Lelong**, Eugène. Principes de législation forestière. 2 v. 8°. Paris, Paul Dupont, 1901.

**Mottet**, Séraphin Joseph. Les conifères et taxacées; traité élémentaire et pratique, contenant l'histoire, la description, la valeur décorative et forestière, la culture et la multiplication des espèces et leurs principales variétés introduites dans les cultures, les maladies et insectes parasites. pp. 474. il. 12°. Paris, Octave Doin, 1902. (BIBLIOTHÈQUE d'horticulture et de jardinage.)

**Müller**, Udo. Lehrbuch der holzmesskunde. pp. 388. il. 4°. Leipz., E. Haberland, 1902. Agr 2—111

*Contents*:—pt. 1. Die inhaltsbestimmung des gefällten holzes. 1899. pp. 1-115.—pt. 2. Die inhalts-ermittlung des stehenden baumes. 1900. pp. 118-238.—pt. 3. Die ermittlung des inhalts ganzer bestände; die ermittlung des alters; die ermittlung des zuwachses. 1901. pp. 239-382.

**Neuburg**, Clamor. Der einfluss des bergbaus auf die erste entwicklung der forstwirtschaft in Deutschland. pp. 36. 4°. Erlangen, A. Deichert (Georg Böhme), 1901. Agr 2—158

Sonderabdruck aus der *Festschrift der Universität Erlangen zur feier des achtzigsten geburtstages sr. königlichen hoheit des prinzregenten Luitpold von Bayern*.

**New York** (*state*)—*Forest, fish, and game commission*. 6th annual report, [1899/1900] pp. 531. il. pl. maps. 4°. [Albany, 1901.]

**Personal-verzeichniss** der Königl. sächs. staats-forstverwaltung auf das jahr 1902. pp. 58. 12°. Dresden, C. Heinrich, [1902].

**Prussia**—*Landwirthschaft, domänen und forsten, Ministerium für—Forsten, Abtheilung für*. Amtliche mittheilungen. pp. 69. 4°. Berl., Julius Springer, 1901. Agr 2—159  
Supplement to tables published in Ed. 3 of O. F. von Hagen, *Die forstlichen verhältnisse Preussens*.

**Reuss**, Hermann. Ueber die nachtheiligen einflüsse naturwidrig-misshandelnder pflanzmethoden auf die bestandeszukunft mit specieller bezugnahme auf die fichte. pp. 45. pl. 9. 4°. Wien, Im verlage des specialcomités für forstwirthschaft und holzhandel, [1901]. Agr 2—160

**Rogers**, Julia Ellen. Among green trees; a guide to pleasant and profitable acquaintance with familiar trees. pp. 202. il. pl. 4°. Chicago, A. W. Mumford, 1902. 2—27449



**Salisch**, Heinrich von. *Forstästhetik*. Ed. 2 enl. pp. 314. il. pl. 16. 8°. Berl., Julius Springer, 1902.

Benutzte quellen: pp. 300-309.

**Sargent**, Charles Sprague, *editor*. Trees and shrubs; illustrations of new or little known ligneous plants, prepared chiefly from material at the Arnold arboretum of Harvard university. pt. 1. pp. 49. pl. 25. f°. Boston, Houghton, Mifflin and company, 1902. 2-28737

**Schröter**, Carl. Ueber die vielgestaltigkeit der fichte (*Picea excelsa* Link.). pp. 130. il. tab. 8°. Zürich, Fäsi & Beer, 1898. Agr 2-110

Separatabdruck aus der *Vierteljahrsschrift der Naturforschenden gesellschaft in Zürich*, jahrg. 43, 1898, heft 2 u. 3.

Litteraturverzeichnis, pp. 120-130.

**Schwappach**, Adam Friedrich, *and others*. Neudammer försterlehrbuch; ein leitfaden für unterricht und praxis, sowie ein handbuch für den privatwaldbesitzer, bearbeitet von A. Schwappach, C. Eckstein, C. Herrmann, W. Borgmann. pp. 660. il. 8°. Neudamm, J. Neumann, 1899.

— Repetitorium zum Neudammer försterlehrbuch; in 1340 fragen zusammengestellt für unterricht und selbstprüfung. pp. 48. 8°. Neudamm, J. Neumann, 1900. Agr 3-72-73

**Stanchfield**, Daniel. History of lumbering in Minnesota. Pioneer lumbering on the upper Mississippi and tributaries, with biographic sketches, by Daniel Stanchfield. Lumbering in St. Croix valley, with biographic sketches, by William H. C. Folsom. pp. [38] + [34]. port. 8°. Minneapolis, Author, 1900. 2-20673

Papers from *Minnesota historical society collections*, v. 9, pp. 325-362, 291-324.

The order of these papers, as printed in the original volume, is here transposed, but the original paging is retained.

**Talbot**, W. A. Trees, shrubs, and woody-climbers of the Bombay Presidency. Ed. 2. pp. 385. 8°. Bombay, Government central press, 1902. Agr 2-161

List of the principal books and papers referred to, pref. p. 13.

**Voelckel**, Eugène. Produits des exploitations et des industries forestières. pp. 210. 4°. Paris, Imprimerie nationale, 1901. (PARIS. EXPOSITION UNIVERSELLE INTERNATIONALE DE 1900. Rapports du jury international. Classe 50.) Agr 2-162

**Walker**, George H., & co., *publishers*. Map of Arnold arboretum, showing location of the trees and shrubs. 20½ x 37 in. 12°. Boston, [c1900].

Scale, 200 feet to the inch.

**Weise**, Wilhelm. Tages-fragen über forstlichen unterricht in Preussen. pp. 26. 8°. Berl., Julius Springer, 1901. Agr 2-163

**Württemberg**—*Königliche forstdirektion*. Forststatistische mittheilungen aus Württemberg für das jahr 1895-99. jahrg. 14-18. 4°. Stuttg., 1897-1901.

## 10. DOMESTIC ANIMALS.

**American Galloway cattle breeders' association**. American Galloway herd book. v. 10-12. pl. 8°. Columbia, Mo., 1900-1902.

**American Guernsey cattle club**. Herd register and breeders' journal. v. 12, pt. 52. unsp. 1 pl. ob. 16°. Peterboro, N. H., 1902.

**American horse show blue book**. v. 1. pp. 428. il. 1 pl. 8°. N. Y., Coach and saddle publishing company, 1902.

**American Oxford Down sheep record association**. American Oxford Down record. v. 8. pp. 705. pl. 8°. Middletown, Ohio, 1901.

**American saddle-horse breeders' association**. Register. v. 4. 8°. Louisville, Ky., Bradley & Gilbert co., 1902.

**American short-horn breeders' association.** American short-horn herd book, containing pedigrees of animals calved before May 1, 1902. n. s., v. 52. pp. 1182. 8°. Springfield, Ill., 1902.

**Clarke, William James.** Fitting sheep for show ring and market, being a practical treatise on the selection, judging, feeding, and care of sheep and lambs for the show ring and sale by auction; to which are added chapters on dressing sheep and lambs for the market. pp. 248. il. 1 pl. 12°. Chicago, Draper publishing and supply co., 1900. Agr 2—164

**Coates's** herd book, containing the pedigrees of improved shorthorn cattle; published by the Shorthorn society of the United Kingdom of Great Britain and Ireland. n. s., v. 48. pp. 1006. 8°. Lond., 1902.

**Davenport, Eugene.** Study of farm animals, issued monthly, Sept. 1901–Aug. 1902. n. s., no. 1–12 (whole no. 13–24). 12°. Taylorville, Ill., C. M. Parker, 1901–02. Agr 2—185

No more published.

Shamel, Study of farm crops, is counted as the 1st series of this publication.

**Drybrough, T. B.** Polo. pp. 357. il. 1 por. pl. 8°. Lond., Vinton & company, ltd., 1898. Agr 2—203

**Gilbey, Sir Walter.** The great horse; or, The war horse, from the time of the Roman invasion till its development into the shire horse. Ed. 2. pp. 69. pl. 8°. Lond., Vinton & co., 1899. 2—21082

**Gilbey, Sir Walter.** Horses, past and present. pp. 89. pl. 9. 8°. Lond., Vinton & co., ltd., 1900. 2—21081

**Gilbey, Sir Walter.** Small horses in warfare. pp. 49. pl. 5. 8°. Lond., Vinton & co., ltd., 1900. 2—21080

**Gilbey, Sir Walter.** Young race-horses (suggestions for rearing). Ed. 3. pp. 33. il. 1 pl. 8°. Lond., Vinton & co., ltd., 1898. 2—21079

**Hampton normal and agricultural institute, Hampton, Va.** Notes on animal industry. no. 2–3. 8°. [Hampton], 1899.

*Contents:*—no. 2. 1. Sheep. 2. Swine. By W. S. Sweetser.—no. 3. 1. Principles of stock-breeding. 2. Principles of stock-feeding. By W. S. Sweetser.

**Hereford herd-book society.** Herd book of Hereford cattle. v. 33. pp. 796. pl. 12°. Hereford, 1902.

**Holmström, John Gustaf.** Scientific horse, mule & ox shoeing, a standard treatise adapted to the demand of veterinarians, farriers & the amateur horseshoer. pp. 119. il. port. 12°. Chicago, Frederick J. Drake & co., [1902] 2—24935

**Kansas—Agriculture, State board of.** [Polled cattle]. pp. 189. il. 8°. Topeka, 1902. (KANSAS—Agriculture, State board of. Report for the quarter ending Sept., 1902.)

**Kent or Romney Marsh sheep-breeders' association.** Flock book of the Kent or Romney Marsh sheep. v. 8. pp. 138. 1 pl. 8°. Lond., 1902.

**Knispel, Oskar.** Anleitung für einrichtung und verwaltung von züchter-vereinigungen. pp. 93. 12°. Berl., 1902. (DEUTSCHE LANDWIRTSCHAFTS-GESELLSCHAFT. Anleitungen für den praktischen landwirt. no. 12.) Agr 2—165

**M'Combie, William.** Cattle and cattle-breeders; edited by James MacDonald. Ed. 4 enl. pp. 157. 12°. Edinburgh, William Blackwood & sons, 1896.

**Miller, T. L.** History of Hereford cattle, proven conclusively the oldest of improved breeds . . . with which is incorporated a history of the Herefords in America, by Wm. H. Sotham. pp. 592. il. port. pl. 4°. Chillicothe, Mo., T. F. B. Sotham, 1902. 2—20955



**Montané, L.** L'extérieur du cheval et l'âge des animaux domestiques, par L. Montané, avec la collaboration de G. Lafon, pour l'article Allures. pp. 528. il. 12°. Paris, J.-B. Baillière & fils, 1903. (ENCYCLOPÉDIE VÉTÉRAIRE. v. 22.)

**National association of wool manufacturers.** Annual wool review, 1902; domestic wool clip, imports of wool and woolens, census statistics and other statistical tables. pp. 48. pl. tab. 8°. Bost., 1902.

Reprinted from the *Bulletin of the National association of wool manufacturers*, Dec. 1902.

**National Lincoln sheep breeders' association.** National Lincoln sheep breeders' record. v. 1. pp. 428. 8°. n. p., [c1899].

**New South Wales—Mines and agriculture, Department of—Stock and brands branch.** Report, 1901. pp. 29. f°. [Sydney, 1902.]

**New Zealand—General assembly.** [Stock act, 1893.] pp. 31. 4°. [Wellington, 1901.]

**Pertus, Joanny.** Guide pratique de l'acheteur de chevaux. pp. 148. il. 12°. Paris, J.-B. Baillière et fils, 1902. (PETITE bibliothèque scientifique.) Agr 2—102

**Pet stock news, Chicago, compiler.** Profit in quail breeding . . . the tame quail. pp. 32. 8°. Chicago, [c1902]. 2—20475

**Rice, Elmer Cook.** National standard squab book; a practical manual giving complete and precise directions for the installation and management of a successful squab plant. pp. 80. il. 8°. Boston, 1902. 2—24096

[**Russ, William V.**] Turkey culture; giving the experience of the most successful turkey raisers in the United States, with numerous illustrations. pp. 100. il. 8°. N. Y. Excelsior wire & poultry supply co., [1901]. 1—11030

**Sheldon, John Prince-, editor.** Live stock in health and disease, with chapters on dairy farming and a veterinary section by A. H. Archer. pt. 6. pp. 161–192. il. pl. 4°. Lond., Cassell & co., ltd., 1902.

To be completed in about 20 monthly parts.

**Southwestern Poland-China record association.** South-western Poland China record. v. 1. 4°. Gadsden, Tenn., Association, 1901.

**Ware, Francis Morgan.** First-hand bits of stable lore. pp. 297. pl. 8°. Boston, Little, Brown and company, 1903 [pub. 1902]. 2—30259

**Ware, Francis Morgan.** Our noblest friend the horse. pp. 368. pl. 8°. Boston, L. C. Page & company, 1903 [pub. 1902]. 2—27498

**Ware, Lewis S.** Cattle feeding with sugar beets, sugar, molasses and sugar beet residuum. pp. 389. il. 8°. [Phila.], Philadelphia book co., 1902. 2—26735

## 11. VETERINARY MEDICINE.

**Brouardel, P.** L'épidémie de trichinose d'Emersleben, en septembre, octobre et novembre, 1883. pp. 45. map. 2 pl. 8°. Paris, 1884.

Reprinted from *Annales d'hygiène publique et de médecine légale*, ser. 3, v. 11, pp. 121–157, pl. 1–2, Feb. 1884.

**Bryce, Peter Henderson.** Report on tuberculosis in Ontario; presented to the Provincial board of health and adopted with recommendations therein contained. pp. 51. 8°. Toronto, Warwick bros. & Rutter, 1894.

**Budapest. Magyar királyi állatorvosi főiskola.** Évkönyve az 1901/02 tanévről. pp. 160. 8°. Budapest, 1902. (BUDAPEST. MAGYAR KIRÁLYI ÁLLATORVOSI FŐISKOLA. Kiadványai. no. 7.)

**Delpech, A.** Les trichines et la trichinose chez l'homme et chez les animaux. pp. 104. 8°. Paris, J.-B. Baillière & fils, 1866.

Rapport lu à l'Académie impériale de médecine dans la séance du 16 mai 1866.

**Gray, Charles E., and Robertson, William.** Report upon Texas fever or red-water in Rhodesia. pp. 26. pl. diag. f°. Cape Town, Argus printing & pub. co., ltd., 1902. Agr 2—98

**Hungary—Kön. ungar. ackerbauministerium.** Jahresbericht über das veterinärwesen in Ungarn, 1901. v. 13. pp. 148. map. 4°. Budapest, 1902.

**Martel, Henri.** Recherches expérimentales sur la variabilité du bacillus anthracis. pp. 85. il. 1 pl. tab. 4°. Paris, C. Naud, 1902. Agr 2—105  
Bibliographie, pp. 77-79.

**Moore, Veranus Alva.** Pathology and differential diagnosis of infectious diseases of animals; with an introduction by Daniel Elmer Salmon. pp. 380. il. pl. 8. 8°. Ithaca, Taylor & Carpenter, 1902. 2—29240

**Niemann, Franz, and Profé, O.** Grundriss der veterinär-hygiene für tierärzte und studierende. pp. 418. il. 8°. Berl., Louis Marcus, 1903 [1902]. Agr 2—104  
"Literatur" at end of sections of teil 1; "Literaturverzeichnis zu teil 2," pp. 409-411.

**Utrecht, 'S rijks veeartsenijschool te.** Programma der lessen voor het schooljaar 1902/03. pp. 87. tab. 8°. n. p., [1902].

**Wallace, Robert.** Tuberculosis in cattle. pp. 3. 8°. [Lond., 1895.] Agr 2—36  
Reprinted from the *Times* of 14th Nov., 1895.

## 12. DAIRY.

**Anderson, Leroy.** Some of the influences affecting milk production, with special reference to the relation of food to milk fat. pp. 97. il. 8°. Ithaca, N. Y., 1902. 2—24554

Thesis (Ph. D.)—Cornell university.  
Bibliography, pp. 90-97.

**Backhaus, Alexander.** Kleinere abhandlungen. v. p. 8°. n. p., 1897.

**Congrès national de laiterie.** 2d, Bruxelles, 1902. Actes constitutifs; rapports préliminaires. pp. 130. 4°. Brecht, L. Braeckmans, 1902. Agr 2—100  
Organisé par la Société nationale de laiterie.

**Duclaux, Pierre Émile.** Le lait; études chimiques et microbiologiques; 2<sup>me</sup> tirage augmenté de notes sur le rôle des microbes et sur les phosphates du lait. pp. 376. il. 12°. Paris, J.-B. Baillièrre et fils, 1894. (BIBLIOTHÈQUE scientifique contemporaine.)

**Ferguson, Meade.** Wie vollzieht sich die spontane zersetzung der milch bei 40—44° C., besonders bei 42°, und welche organismen sind dabei betheiligt? pp. 46. 8°. Göttingen, W. Fr. Kaestner, 1902.

Inaugural-dissertation . . . Göttingen.

**Friant, H., and Houdet, V.** Report to the minister of agriculture in Paris of trials with the "Radiator" carried out at the practical dairy school at Poligny. pp. 9. il. 4°. Lond., Roberts & Leete, [1895].

Extract from the Bulletin of the Ministry of agriculture.  
Translation.

**Hutchison, George G.** Containing a list of licenses granted by the dairy and food commissioner from Jan. 1, 1902, to June 30, 1902; together with a list of analyses of food samples taken, and a record of suits and prosecutions brought during that period. pp. 223. 8°. [Harrisburg], 1902. (PENNSYLVANIA—Agriculture, Department of. Bulletin no. 100.)

[**Kolarik, Joseph.**] Creamery patron's handbook; being a compilation of those things the dairy farmer should know and practice to the speedier attainment of a satisfactory income from his dairy. pp. 309. il. 8°. Chicago, The National dairy union, 1902. 2—27950

**Koradji**, *pseud.* Dairying in Australia; a reprint of a series of articles by "Koradji," agricultural editor of the "Queenslander." pp. 80. 8°. Brisbane, Brisbane newspaper co., ltd., 1902.

**Lodi (Italy)**, **R. stazione sperimentale di caseificio in.** Annuario, 1901. pp. 148. 8°. Lodi, 1902.

**Ohio**—*Dairy and food commissioner.* 16th annual report, 1900/01. pp. 129. 8°. Columbus, 1902.

**Petersen**, C., and **Schrott-Fiechtl**, Hans. Der Ost-holsteinische meierei-verband seit seiner gründung im jahre 1886. pp. 56. 8°. Bremen, M. Heinsius nachfolger, 1896. Agr 2—166

**Proskau**—*Milchwirthschaftliches institut.* Bericht über die thätigkeit, 1901/02. pp. 32. 8°. Oppeln, [1902].

**Radiator** butter-maker; a combined separator and churn . . . invented by E. G. N. Salenius, Stockholm. pp. 12. il. 4°. [Lond.? Berner & Nielsen, 1897?]

"**Radiator**" buttermaker; a combined skimmer and churn, which automatically makes pasteurized butter direct from the milk. pp. 27. il. 4°. [Paris, L. Maretheux, printer, 189-.]

**Revue de l'industrie laitière**; organe mensuel de la production et du travail du lait, Jan. 1899-Dec. 1901. v. 1-3. il. 8°. Annecy, Imp. Hérisson & cie., 1899-1901. Agr 2—101

Dirigé par J. Sallaz.

No more published.

**Ripper**, Maximilian. Die schmalzbutterbereitung über freiem feuer und diejenige unter anwendung eines thermophorkessels. pp. 8. 8°. Leipz., M. Heinsius nachfolger, 1901. Agr 2—167

Sonderabdruck aus *Milchzeitung* 1901, nr. 33.

**Rütti-Zollikofen (Switz.)**, **Bernische molkereischule in.** 15. jahresbericht, 1901/02. pp. 72. 1 pl. tab. 8°. Bern, 1902.

**Schrott-Fiechtl**, Hans. Ueber eine neue methode abfallende butterqualitäten mit hilfe des thermophors zu verbessern. pp. 16. 8°. Wien, Carl Fromme, 1901. Separatabdruck aus der *Oesterreichischen molkerei-zeitung*, 1901, nr. 15 u. 16. Agr 2—168

**Schrott-Fiechtl**, Hans. Ueber eine verbesserung in der schmalzbutterbereitung. pp. 24. 8°. Wien, 1899.

Separatabdruck aus der *Oesterreichischen molkerei-zeitung*, 1899, no. 10-11.

### 13. PHYSICS.

**Bose**, Jagadis Chunder. Response in the living and non-living. pp. 199. il. 8°. Lond., Longmans, Green and co., 1902. Agr 3—124

**Drude**, Paul. Theory of optics, translated from the German by C. Riborg Mann and Robert A. Millikan. pp. 546. il. 8°. Lond., Longmans, Green & co., 1902. 2—12244

**Landolt**, Hans Heinrich, and *others.* Optical rotating power of organic substances and its practical applications; by Hans Landolt, assisted by O. Schönrock, P. Lindner, F. Schütt, L. Berndt, and T. Posner, 2d edition, authorized English translation with additions by John H. Long. pp. 751. il. 8°. Easton, Pa., Chemical publishing co., 1902. 2—13795

*Contents*:—pt. 1. General conditions of optical activity [by H. H. Landolt, assisted by P. Lindner].—pt. 2. Physical laws of circular polarization [by H. H. Landolt].—pt. 3. Numerical values for the rotating power. Specific rotation [by H. H. Landolt].—pt. 4. Apparatus and methods for the determination of the specific rotation [by O. Schönrock].—pt. 5. Practical applications of optical rotation [by F. Schütt].—pt. 6. Constants of rotation by active bodies [compiled mainly by L. Berndt and T. Posner].



**Wiedemann, Eilhard, and Ebert, Hermann.** *Physikalisches praktikum, mit besonderer berücksichtigung der physikalisch-chemischen methoden.* Ed. 4 enl. pp. 574. il. 8°. Braunschweig, Friedrich Vieweg & sohn, 1899. Agr 2—173

#### 14. METEOROLOGY.

**Brünn, Naturforschender verein in—*Meteorologische commission.*** 19. bericht, ergebnisse der meteorologischen beobachtungen im jahre 1899. pp. 160. maps. 8°. Brünn, 1901.

**Jablanczy, Julius von.** *Das hagelwetterschiessen in Niederösterreich, 1900/01.* pp. 55. il. pl. 5, maps. 8°. Wien, 1902.  
Im auftrage des n. ö. landesausschusses.

**Mexico—*Observatorio meteorológico central.*** *Informe sobre las observaciones ejecutadas durante el eclipse total de sol de 28 de mayo de 1900.* text & atlas [2 v.]. 8°. México, 1901.

**New South Wales—*Government astronomer.*** *Results of rain, river, and evaporation observations made in New South Wales during 1899.* pp. 251. maps, diagr. 8°. Sidney, 1901.

#### 15. CHEMISTRY AND CHEMICAL TECHNOLOGY.

***Annalen der physik und chemie . . . unter mitwirkung der Physikalischen gesellschaft in Berlin, [monthly], May 16, 1877—Nov. 15, 1895.*** v. 237-292 (n. s., v. 1-56). il. pl. 8°. Leipz., Johann Ambrosius Barth, 1877-95.

v. 237-283 (n. s., v. 1-47), edited by G. H. Wiedemann.

v. 284-292 (n. s., v. 48-56), edited by G. H. and E. Wiedemann.

**Arrhenius, Svante.** *Text-book of electrochemistry; translated by John McCrae.* pp. 344. il. 8°. Lond., Longmans, Green & co., 1902.

**Attfield, John.** *Chemistry; general, medical, and pharmaceutical, including the chemistry of the British pharmacopœia; a manual on the science of chemistry, and its applications in medicine and pharmacy.* Ed. 17. pp. 885. il. pl. 12°. Lond., Gurney & Jackson, 1898.

Agr 3—111

The 16th and 17th editions of this manual are adapted, respectively, to the pharmacopœia of the United States and the British pharmacopœia, and are produced concurrently.

**Bersch, Josef.** *Manufacture of mineral and lake pigments, containing directions for the manufacture of all artificial artists' and painters' colours, enamel colours, soot and metallic pigments . . . translated from the 2d revised edition by Arthur C. Wright.* pp. 476. il. 8°. Lond., Scott, Greenwood & co, 1901.

**Dammer, Otto, editor.** *Handbuch der anorganischen chemie.* bd. 4, lief. 1. pp. 160. il. 8°. Stuttgart, Ferdinand Enke, 1902.

*Contents:*—Die fortschritte der anorganischen chemie in den jahren 1892-1902.

**Évesque, P. E.** *Les vins d'Algérie; étude chimique, agricole et industrielle.* pp. 149. il. pl. 3. 8°. Paris, Société d'éditions scientifiques, [1901]. (*ENCYCLOPÉDIE des connaissances pratiques.* v. 13.)

**Fresenius, Carl Remigius.** *Manual of qualitative chemical analysis; authorized translation by Horace L. Wells; new edition . . . from the 16th German edition.* pt. 1. 420 p. il. 1 pl. 8°. N. Y., John Wiley & sons, 1902 [1897].

**Georgievics, Georg von.** *Chemical technology of textile fibres; their origin, structure, preparation, washing, bleaching, dyeing, printing, and dressing; translated from the German by Chas. Salter.* pp. 306. il. 4°. Lond., Scott, Greenwood & co., 1902.

2—21089

**Hernösand (Sweden), *Kemiska station i.*** *Berättelse öfver verksamheten, 1901.* pp. 29. 12°. Hernösand, Hernösands-Postens tryckeri-aktiebolag, 1902.

**Herzberg**, Wilhelm. Papierprüfung; eine anleitung zum untersuchen von papier. Ed. 2. pp. 146. il. pl. 16. 8°. Berl., Julius Springer, 1902. Agr 3—74  
Literatur, pp. 145-146.

**Hinds**, John Iredelle Dillard. Inorganic chemistry, with the elements of physical and theoretical. Ed. 1. pp. 566. front. il. 8°. N. Y., John Wiley & sons, 1902. 2—23911

**Hurst**, George H. Lubricating oils, fats and greases; their origin, preparation, properties, uses and analysis. Ed. 2 enl. pp. 317. il. 8°. Lond., Scott, Greenwood & co., 1902.

**India**—*Central provinces*—*Agriculture, Department of*. Bulletin. no. 9. 8°. Nagpur, 1902.

*Contents*:—no. 9. Sly, F. G. Cotton seed oil industry.

**Jackson**, Holmes Condict. Directions for laboratory work in physiological chemistry; for the use of students in the university and Bellevue hospital medical college. Ed. 1. pp. 62. 8°. N. Y., John Wiley & sons, 1902. 2—25314

**Jagnaux**, Raoul. Analyse chimique des substances commerciales, minérales et organiques. Ed. 2 enl. pp. 1096. il. 8°. Paris, Baudry & cie., 1897.

**Jennison**, Francis H. Manufacture of lake pigments from artificial colours. pp. 136. pl. 16. 8°. Lond., Scott, Greenwood & co., 1901.

**Jones**, M. W. Testing and valuation of raw materials used in paint and colour manufacture. pp. 88. 12°. Lond., Scott, Greenwood & co., 1900.

**Kohlrausch**, Friedrich Wilhelm Georg, and **Holborn**, L. Das leitvermögen der elektrolyte, insbesondere der lösungen; methoden, resultate und chemische anwendungen. pp. 211. il. tab. 8°. Leipz., B. G. Teubner, 1898.  
Literatur, pp. [137]-143.

**Ladenburg**, Albert. Lectures on the history of the development of chemistry since the time of Lavoisier; translated from the 2d German edition by Leonard Dobbin (with additions and corrections by the author). pp. 373. 12°. Edinburgh, Alembic club, 1900. 2—29908

**Le Chatelier**, Henri Louis. Cours de chimie industrielle; leçons sur la combustion, (rédaction des élèves), promotion de 1896. pp. 395. il. f°. n.p., n.d. (ÉCOLE nationale supérieure des mines. [Publication.] )

**Mauritius**—*Station agronomique*. La dénaturation de l'alcool et son utilisation. pp. 31. 8°. Maurice, 1902. (MAURITIUS—*Station agronomique*. Bulletin. no. 5.)

**Meade**, Richard Kidder. Chemical and physical examination of Portland cement. pp. 183. il. 24°. Easton, Pa., Chemical publishing co., 1901. 1—26455

**Meyer**, Victor Johann, and **Jacobson**, Paul. Lehrbuch der organischen chemie. bd. 2, th. 1, abth. 3. pp. 577-1076. 8°. Leipz., Verlag von Veit & comp., 1902.

**Muspratt**, James Sheridan. Muspratt's theoretische, praktische und analytische chemie in anwendung auf künste und gewerbe, von F. Stohmann und Bruno Kerl. Ed. 4 enl. v. 1-7. il. 4°. Braunschweig, Friedrich Vieweg & sohn, 1888-1900.  
Has second title-page: Encyklopädisches hañdbuch der technischen chemie, von F. Stohmann und Bruno Kerl.

**Perrottet**, George Samuel. Art de l'indigotier; ou, Traité des indigofères tinctoriaux et de la fabrication de l'indigo, suivi d'une notice sur le Wrightia tinctoria et sur les moyens d'extraire de ses feuilles le principe colorant qu'elles contiennent. pp. 219. 1 pl. 8°. Paris, Librairie de M<sup>me</sup>. V<sup>e</sup> Bouchard-Huzard, 1842.

**Randall**, Wyatt William, *translator and editor*. Expansion of gases by heat; memoirs by Dalton, Gay-Lussac, Regnault and Chappuis, translated and edited by Wyatt W. Randall. pp. 166. illus. 8°. N. Y., American book co., 1902. (SCIENTIFIC memoirs. no. 14.)

2—12130

Bibliography, pp. 159–160.

*Contents*.—Introduction.—On the expansion of gases by heat, by John Dalton.—Extract from “A new system of chemical philosophy,” by John Dalton.—Biographical sketch of J. Dalton.—Researches upon the rate of expansion of gases and vapors, by L. J. Gay-Lussac.—Biographical sketch of Gay-Lussac.—The determination of the rate of expansion of gases by heat; an extract from the “*Traité de physique*” of J. B. Biot.—Researches upon the rate of expansion of gases; first memoir, by H. V. Regnault.—Biographical sketch of Regnault.—Researches upon the rate of expansion of gases; second memoir, by H. V. Regnault.—Researches upon the gas thermometer, and the comparison of the gas thermometer with the mercury thermometer, by P. Chappuis; abstract.

**Richter**, Victor von. Text-book of inorganic chemistry, edited by H. Klinger, authorized translation by Edgar F. Smith (assisted by Walter T. Taggart); 5th American from the 10th German edition. pp. 430. front. il. 8°. Phila., P. Blakiston's sons & co., 1902.

**Roscoe**, Henry Enfield, and **Schorlemmer**, Karl. Ausführliches lehrbuch der chemie. v. 9. pp. 527+177+131. 8°. Braunschweig, Friedrich Vieweg & sohn, 1901.

v. 9, by Julius Wilhelm Brühl.

*Contents*.—Die kohlenwasserstoffe und ihre derivate; oder, Organische chemie, 7<sup>ter</sup> theil, bearbeitet in gemeinschaft mit Edvard Hjelt und Ossian Aschan . . . O. Cohnheim, O. Emmerling und E. Vahlen.—Systematisches general-inhalts-verzeichniss der Organischen chemie, bd. 1 bis 7, des Ausführlichen lehrbuchs der chemie, von Roscoe-Schorlemmer, bd. 3 bis 9.—General-sachregister der Organischen chemie, bd. 1 bis 7, des Ausführlichen lehrbuchs der chemie von Roscoe-Schorlemmer, bd. 3 bis 9.

**Schimmel & co.** (*Fritzsche brothers*). Semi-annual report, October/November, 1902. pp. 105. 12°. [Leipzig], 1902.

**Schultz**, Gustav, and **Julius**, Paul. Tabellarische übersicht der im handel befindlichen künstlichen organischen farbstoffe. Ed. 4 enl. pp. 297. 4°. Berl., R. Gaertner's verlagsbuchhandlung, 1902.

**Siena**, Comune di—*Laboratorio chimico municipale*. Rendiconto, 1901. pp. 8. 4°. Siena, 1902.

**Smith**, Edgar Fahs. Electro-chemical analysis. Ed. 3 enl. pp. 204. il. 8°. Phila., P. Blakiston's son & co., 1902.

**Smith**, J. Cruickshank. Manufacture of paint; a practical handbook for paint manufacturers, merchants and painters. pp. 200. il. 1 pl. 8°. Lond., Scott, Greenwood & co., 1901.

**Society of chemical industry**—*New York section*. [Annual report and list of members, 1901/02.] pp. 54. 16°. n. p., [1902].

**Stillman**, Thomas Bliss. Engineering chemistry; a manual of quantitative chemical analysis for the use of students, chemists and engineers. Ed. 2. pp. 503. il. 8°. Easton, Pa., Chemical publishing co., 1900.

**Thorpe**, Thomas Edward. Essays in historical chemistry. pp. 582. 8°. Lond., Macmillan & co., 1902.

2—22035

**Vaubel**, Wilhelm. Die physikalischen und chemischen methoden der quantitativen bestimmung organischer verbindungen. 2 v. il. 8°. Berl., Julius Springer, 1902.

*Contents*.—v. 1. Die physikalischen methoden.—v. 2. Die chemischen methoden.

**Wolfrum**, August. Chemisches praktikum. v. 1. pp. 562. il. 12°. Leipz., Wilhelm Engelmann, 1902.

*Contents*.—Analytische übungen.



## 16. REFRIGERATION.

**Leask, A. Ritchie.** Refrigerating machinery; its principles and management. Ed. 2. pp. 296. il. Lond., Simpkin, Marshall & co., 1901. 2-17260

**Taylor, Alex. James Wallis.** Refrigerating and ice-making machinery; a descriptive treatise for the use of persons employing refrigerating and ice-making installations, and others. Ed. 3 enl. pp. 280+[28]. il. pl. 12°. Lond., Crosby Lockwood & son, 1902.

28 pages inserted by lettering without change of main paging.

**Taylor, Alex. James Wallis.** Refrigeration, cold storage, and ice making; a practical treatise on the art and science of refrigeration. pp. 590. il. 8°. Lond., Crosby Lockwood & son, 1902.

## 17. FOOD AND DOMESTIC ECONOMY.

**Association of collegiate alumnæ—Sanitary science club.** Home sanitation; a manual for housekeepers. Rev. ed. pp. 85. 16°. Boston, Home science publishing co., 1901 [°1898].

Edited by Ellen H. Richards and Marion Talbot.

List of books of reference, pp. 77-80.

**Balderston, L. Ray, and Limerick, M. C.** Laundry manual. pp. 60. il. 12°. Phila., Avil printing co., 1900. May 17, 1900-10

**Beyer, Samuel Walker, Weems, J. B., and Marston, Anson.** Iowa agricultural college water supply. pp. 20. 8°. [Ames, Ia.], Press of the Ames times, 1897.

**Campbell, Mrs. Helen (Stuart).** Household economics; a course of lectures in the School of economics of the University of Wisconsin. 4th impression. pp. 286. 8°. N. Y., G. P. Putnam's sons, 1902 [°1896].

Bibliography and references at end of each chapter.

**Canada—Inland revenue, Department of.** Adulteration of food, 1885/86-97/98, 1900/01-01/02. 8°. Ottawa, 1887-1902.

1885/86-87/88, published as supplement 3 to Report of Inland revenue department. 1888/89-1901/02, published as part 3 of Report of Inland revenue department.

Completes Library set from 1881-date.

**Chapin, Henry Dwight.** Theory and practice of infant feeding, with notes on development. pp. 326. il. 8°. N. Y., William Wood & co., 1902. 2-20838

References, pp. 317-320.

**Ellwanger, George Herman.** Pleasures of the table; an account of gastronomy from ancient days to present times; with a history of its literature, schools, and most distinguished artists, together with some special recipes, and views concerning the æsthetics of dinners and dinner-giving. pp. 477. front. il. pl. port. facsim. 8°. N. Y., Doubleday, Page & co., 1902. 2-26094

Bibliography, pp. [447]-468.

**Finkler, Dittmar, and Lichtenfeld, H.** Das eiweiss in hygiene und wirthschaft der ernährung. pp. 186. 8°. Bonn, 1902.

Beilageheft zum 21. jahrg. 1902 des Centralbl. f. allgem. gesundheitspflege.

**Haig, Alexander.** Diet and food, considered in relation to strength and power of endurance, training, and athletics. Ed. 4. pp. 127. 12°. Phila., Blakiston's son & co., 1902.

**Harper's** cook book encyclopædia, arranged like a dictionary, and compiled under the direction of the editor of Harper's bazar, with contributions by famous authorities on cooking, including Maria Blay, Christine T. Herrick, Margaret Sangster, Elena de la Torre Bueno, Marion Harland, Mary J. Lincoln, Josephine Grenier, Ysaguirre, etc., etc., etc. pp. 442. front. pl. 8°. N. Y., Harper & brothers, 1902.

2-26507

**Hill, Janet McKenzie.** Practical cooking and serving; a complete manual of how to select, prepare, and serve food. pp. 731. il. pl. 8°. N. Y., Doubleday, Page & co., 1902. 2-25918

**Illinois association of domestic science.** [Annual report], 1900, 1902. 8°. Bloomington, [1900-02].  
1901 already in Library.

**Märcker, Maximilian, and Morgen, August.** Versuche über die zweckmässigste verwerthung der diffusionsrückstände und der schlämpe, sowie über die zweckmässigste bemessung der kraftfuttergaben für verschiedene zwecke der viehhaltung; ausgeführt auf veranlassung des Halberstädter landwirthschaftl. vereins. pp. 12. f°. Magdeburg, 1888.

**New York (state)—Lunacy, State commission in.** 13th annual report, 1900/01. pp. 1470. pl. maps. 8°. Albany, 1902.  
Dietaries for hospitals for the insane, by W. O. Atwater, pp. 38-322.

**Orpen, Joseph M.** Diet of native labourers. pp. 12. 8°. Salisbury, Argus printing & publishing co., ltd., [1902]. Agr 2-92  
Lecture read before the Rhodesia scientific association, Salisbury branch at Salisbury, Rhodesia.

**Parloa, Maria.** Camp cookery; how to live in camp. pp. 91. 16°. Boston, Dana Estes and company, [°1878]. Agr 3-75

**Parloa, Maria.** Miss Parloa's young housekeeper, designed especially to aid beginners; economical receipts for those who are cooking for two or three. pp. 405. il. 12°. Boston, Dana Estes & co., 1900 [°1893].

**Prudden, T. Mitchell.** Drinking-water and ice supplies and their relations to health and disease. Ed. 2. pp. 148. il. 12°. N. Y., G. P. Putnam's sons, 1901 [°1891].

**Richards, Mrs. Ellen Henrietta, and Elliott, S. Maria.** Chemistry of cooking and cleaning; a manual for housekeepers. Ed. 2. pp. 158. 12°. Boston, Homescience publishing co., 1897.  
Books of reference, pp. 153-154.

**Richards, Mrs. Ellen Henrietta, and Williams, L. H.** Dietary computer; explanatory pamphlet; the pamphlet containing tables of food composition, lists of prices, weights, and measures, selected recipes for the slips, directions for using the same. Ed. 1. Text and computer. pp. 54. 8° (computer, f°). N. Y., John Wiley & sons, 1902. 2-10136

**Rorer, Mrs. Sarah Tyson.** Canning and preserving. pp. 78. 12°. Phila., Arnold & co., [°1887].

**Salmon, Lucy Maynard.** Domestic service, 2d edition, with an additional chapter on domestic service in Europe. pp. 338. 8°. N. Y., Macmillan co., 1901.  
Bibliography, pp. 317-322.

**Schilling, F.** Die verdaulichkeit der nahrungs- und genussmittel auf grund mikroskopischer untersuchungen der fæces. pp. 132. il. 8°. Leipz., H. Hartung & sohn, 1901. Agr 2-46

**Thompson, Sir Henry.** Diet in relation to age and activity, with hints concerning habits conducive to longevity. Enl. ed. pp. 134. port. 12°. Lond., Frederick Warne & co., 1902.

**Thompson, William Gilman.** Practical dietetics, with special reference to diet in disease. Ed. 2 enl. p. 828. pl. 9. 8°. N. Y., D. Appleton & co., 1902. 2-15175

**Vandeveldel**, A. J. J. Repertorium van de geschriften over de voedingsmiddelen gedurende het jaar 1901 verschenen; overzicht der boeken en verhandelingen over de samenstelling, het onderzoek en de vervalschingen der voedingsmiddelen. [v. 2.] pp. 165. 4°. Gent, A. Siffer, 1902.

**Vandeveldel**, A. J. J. Het water, zijn nut en zijne gevaren voor den mensch. Ed. 2. pp. 23. 12°. Gent, V. van Dooselaere, 1902. Agr 2—94

**Williams**, W. Mattieu. Chemistry of cookery. pp. 328. 12°. N. Y., D. Appleton & co., 1901.

**Winter**, Joseph Edcil. Feeding of infants; home guide for modifying milk. pp. 47. 12°. N. Y., E. P. Dutton & co., 1901.

## 17. GUMS AND RESINS.

**Dieterich**, Karl. Analysis of resins, balsams and gum-resins, their chemistry and pharmacognosis . . . with a bibliography; translated from the German by Chas. Salter. pp. 340. 8°. Lond., Scott, Greenwood & co., 1901. 2—3979

**Rabaté**, Edmond. L'industrie des résines. pp. 180. il. 12°. Paris, Gauthier-Villars, [1902]. [ENCYCLOPÉDIE scientifique des aide-mémoire. Section de l'ingénieur.] Agr 2—90

Bibliographie, pp. 173-176.

## 18. BACTERIA AND FERMENTATION.

**Emmerling**, Oskar. Die zersetzung stickstofffreier organischer substanzen durch bakterien. pp. 141. pl. 7. 8°. Braunschweig, Friedrich Vieweg & Sohn, 1902. Agr 2—47

**Hein**, Ludwig. Lehrbuch der bakteriologie; mit besonderer berücksichtigung der bakteriologischen untersuchung und diagnostik. Ed. 2. pp. 604. il. pl. 8. 4°. Stuttgart, Ferdinand Enke, 1898. (BIBLIOTHEK des arztes.)

**Hewlett**, Richard T. Manual of bacteriology, clinical and applied; with an appendix on bacterial remedies, &c. Ed. 2. pp. 533. il. pl. 20. 8°. Phila., P. Blakiston's son & co., 1902.

**India**—*Imperial bacteriologist*. Annual report, 1901/02. pp. 15. f°. Calcutta, 1902.

**Kolle**, W., and **Wassermann**, A., editors. Handbuch der pathogenen mikroorganismen. text, lief. 2-5. il. pl. 8°. Jena, Gustav Fischer, 1902.

— atlas, lief. 2. pl. 3-4. f°. Jena, Gustav Fischer, 1902.

**Matzuschita**, Teisi. Bacteriologische diagnostik; zum gebrauch in den bacteriologischen laboratorien und zum selbstunterrichte; für aerzte, tierärzte und botaniker. pp. 690. 1 pl. 8°. Jena, Gustav Fischer, 1902.

**Miquel**, P., and **Cambier**, R. Traité de bactériologie pure et appliquée à la médecine et à l'hygiène. pp. 1059. il. 4°. Paris, C. Naud, 1902. 2—26614

**Prudden**, T. Mitchell. Dust and its dangers. pp. 111. il. pl. 12°. N. Y., G. P. Putnam's sons, 1901 [° 1890].

**Sieberth**, Friedrich Adolf Otto. Die mikroorganismen der kranken zahnpulpa. pp. 66. 8°. Erlangen, Fr. Junge, 1900.

Litteratur, pp. 65-66.

Inaugural-dissertation . . . Friedrich-Alexanders-universität, Erlangen.

**Steffens**, Wilhelm. Beiträge zur kenntnis proteolytischer fermente in schimmelpilzen. pp. 47. 8°. Erlangen, August Vollrath, 1900.

Inaugural-dissertation . . . Erlangen.



19. MEDICINE, HYGIENE, AND PHARMACY.

**Berendes, J.** Die pharmacie bei den alten culturvölkern; historisch-kritische studien . . . mit einem vorworte von H. Beckurts. 2 v. in 1. 1 pl. 1 map. 8°. Halle, Tausch & Grosse, 1891.

Verzeichniss der benutzten quellen und werke, in den ausgaben, nach welchen citirt ist, pref. pp. 11-12.

**Christiania, Norway—Sundhedskommission.** Beretning om kemiske undersøgelser, udførte for Kristiania sundhedskommission i 1901. no. 14. pp. 20. 1 chart. 4°. Kristiania, J. Chr. Gundersens bogtrykkeri, 1902.

Separataftryk af *Sundhedskommissionens aarsberetning for 1901.*

By L. Schmelek.

**Cuba—Sanidad de la Habana, Departamento de.** Informe sanitario y demográfico de la ciudad de la Habana y de la villa de Guanabacoa, Oct. 1902. pp. 25. f°. [Havana, 1902.]

Text in Spanish and English.

**Edelmann, Richard.** Lehrbuch der fleischhygiene mit besonderer berücksichtigung der schlachtvieh- und fleischbeschau. pp. 336. il. pl. 2. 4°. Jena, Gustav Fischer, 1903 [1902].

Agr 2—103

**Ehrlich, Paul.** Toxines et antitoxines. pp. 7. 8°. [Paris, Imprimerie Lahure, 190—.]

Agr 2—106

13<sup>e</sup> congrès international de médecine, Paris, 2-9 août 1900—Section de bactériologie. Résumé du rapport du prof. P. Ehrlich.

**Ehrlich, Paul.** Ueber toxine und antitoxine. pp. 32. 16°. Berl., Urban & Schwarzenberg, 1901.

Agr 2—107

Sonder-abdruck aus *Therapie der gegenwart*, jahrg. 1901.

Nach dem referat zum 13. internationalen medicinischen congress in Paris, 1900, erstattet in der sitzung der Section für bacteriologie vom 4. August.

**Fickert, Benno Robert.** Ueber die verunreinigung der animalen lymph durch spaltpilze. pp. 27. 8°. Leipz., Alexander Edelmann, [1894].

Inaugural-dissertation . . . Leipzig.

**Flückiger, Friedrich August.** Pharmakognosie des pflanzenreiches; 3te auflage, mit einem geschichtlichen anhang. pp. 1117. 8°. Berl., R. Gaertner's verlagsbuchhandlung, 1891.

**Fowler, Gilbert John.** Sewage works analyses. pp. 135. pl. 12°. N. Y., John Wiley & sons, 1902.

Agr 2—95

**Good, Peter P.** Family flora and materia medica botanica, containing the botanical analysis, natural history, and chemical and medical properties of plants. 2 v. pl. 8°. Elizabethtown, N. J., Author, [1845].

v. 2 is new enl. ed. and contains notice of author's change of address, dated 1852.

**Good, Peter P.** Materia medica animalia, containing the scientific analysis, natural history, and chemical and medical properties and uses of the substances that are the products of beasts, birds, fishes or insects. v. p. pl. 8°. Cambridge, Mass., Author, [1853].

**Gould, George Mead.** Student's medical dictionary, including all the words and phrases generally used in medicine, with their proper pronunciation and definitions. Ed. 11 enl. unp. il. 8°. Phila., P. Blakiston's son & co., 1901.

**Great Britain—Government.** Circular addressed to Her Majesty's representatives in European countries on the subject of the recent outbreak of cholera in Egypt. pp. 3. f°. Lond., [1883]. (COMMERCIAL, no. 27, 1883.)

**Great Britain—Government.** Correspondence respecting the cholera epidemic in Egypt: 1883. pp. 99. f°. Lond., [1883]. (COMMERCIAL, no. 34, 1883.)

**Great Britain—Government.** Further correspondence respecting the cholera epidemic in Egypt: 1883. pp. 65. f°. Lond., [1883]. (COMMERCIAL, no. 39, 1883.)

In continuation of Commercial no. 34, 1883.

**Great Britain—Government.** Further reports respecting the cholera epidemic in Egypt and the proceedings of the German scientific commission. pp. 46. 1 map. f°. Lond., [1884]. (COMMERCIAL, no. 22, 1884.)

**Herter, C. A.** Lectures on chemical pathology in its relation to practical medicine. pp. 461. 12°. Phila., Lea brothers & co., 1902.

Literature, pp. 451–452.

**Hügemeyer, Otto.** Ueber abschwächung pathogener schimmelpilze. pp. 28. 8°. Bonn, [1888].

Inaugural-dissertation . . . Bonn.

**Hunter, Sir William Guyer.** Despatch from Sir Edward Malet inclosing a report by Surgeon-general Hunter on the cholera epidemic in Egypt. pp. 3. f°. Lond., [1883]. (GREAT BRITAIN—Government. Commercial, no. 29, 1883.)

— Further reports by Surgeon-general Hunter on the cholera epidemic in Egypt. pp. 71. pl. 3. f°. Lond., [1883]. (GREAT BRITAIN—Government. Commercial, no. 38, 1883.)

In continuation of Commercial, no. 29, 1883.

**India—Central indigenous drugs committee.** Report of proceedings from first meeting on the 3d Jan. 1896 to the meeting of 19th March 1901 at which the proceedings of the 13th meeting were read and confirmed. v. 1. pp. 513. 8°. Calcutta, 1901.

**Koch, Ludwig.** Die mikroskopische analyse der drogenpulver; ein atlas für apotheker, drogisten und studierende der pharmacie. v. 2, pt. 3. pp. 111–168. pl. 4. 4°. Leipz., Gebrüder Borntraeger, 1902.

**Massachusetts—Health, State board of.** 33d annual report, 1900/01. pp. 615. 8°. Boston, 1902.

**Massachusetts—Health, State board of.** Reports upon food and drug inspection, 1900/01. pp. 59. [Boston, 1902.]

From the 33d annual report of the State board of health of Massachusetts for 1901.

**Möller, Josef.** Leitfaden zu mikroskopisch-pharmakognostischen übungen für studierende und zum selbstunterricht. pp. 336. il. 8°. Wien, Alfred Hölder, 1901.

**Ohio—Health, State board of.** 4th report of an investigation of the rivers of Ohio as sources of public water supplies, 1901. pp. 220. il. map, tab. 8°. Columbus, 1902.

Reprinted from the 33d annual report of the Ohio State board of health.

**Pennsylvania—Health and vital statistics, State board of.** 16th annual report, 1900. 2 v. il. pl. maps. 8°. [Harrisburg], 1901.

**Rabinowitsch, Lydia.** Ueber desinficirende wandanstriche mit besonderer berücksichtigung der tuberculose. pp. [26]. 8°. Leipz., 1902.

Separat-abdruck aus der Zeitschrift für hygiène und infectionskrankheiten, v. 40, 1902, pp. 529–554.

**Rideal, Samuel.** Sewage and the bacterial purification of sewage. Ed. 2. pp. 308. il. 4 pl. 8°. Lond., Sanitary publishing co., 1901. Agr 2—96

**Springer, Maurice.** L'énergie de croissance et les lécithines dans les décoctions de céréales. pp. 170. 12°. Paris, Masson & cie., [1902]. (ENCYCLOPÉDIE scientifique des aide-mémoire. Section du biologiste.) Agr 2—93

**Stiles, Charles Wardell.** First American case of infection with *Lambia duodenalis*. [1] p. 8°. n. p., [1902].

From *Washington medical annals*, v. 1, p. 64, 1902.



**Sugg, E., and Vandevelde, A. J. J.** Over het reinigen van drinkwater door middel van ozoon. pp. 8. 8°. [Gent?, 1902.]

Agr 2—171

Overgedrukt uit het *Tijdschrift voor toegepaste scheikunde en hygiëne*, deel 6, no. 1, Sept. 1902.

**Waldbott, Sigmund, compiler.** References to capillarity to the end of the year 1900; being chapter 7 of "A study in pharmacy," by John Uri Lloyd; the references collected and abstracted . . . by Sigmund Waldbott. pp. 101-212. 4°. Cincinnati, Ohio, J. U. & C. G. Lloyd, 1902. (BULLETIN of the Lloyd library of botany, pharmacy, and materia medica, no. 4.)

Agr 2—172

**Waring, George Edwin, jr.** How to drain a house; practical information for householders. Ed. 3. pp. 223. il. 12°. N. Y., D. Van Nostrand co., 1902 [°1895].

**Waring, George Edwin, jr.** Sewerage and land-drainage. Ed. 4. pp. 406. il. pl. 29. 1°. N. Y., D. Van Nostrand co., 1896 [°1880].

Agr 2—97

**Wood, Francis.** Sanitary engineering; a practical manual of town drainage and sewage and refuse disposal. pp. 304. il. pl. 8°. Lond., Charles Griffin & co., 1902.

## 21. NATURAL HISTORY.

**Broteria;** revista de ciencias naturaes do Collegio de S. Fiel, 1902. v. 1. il. 8° Lisboa, La Bécarré, 1902.

Agr 2—74

**Brünn, Naturforschender verein in.** Verhandlungen, 1900. v. 39. pp. 232. pl. 8°. Brünn, 1901.

**Cassell (Ger.), Verein für naturkunde zu.** Abhandlungen und bericht 47, 1901/02. pp. 146. 8°. Kassel, 1902.

**Emden (Ger.), Naturforschende gesellschaft in.** 86. jahresbericht, 1900/01. pp. 48. 1 pl. 8°. Emden, 1902.

**Frauenfeld, Georg von.** Bericht über eine reise durch Schweden und Norwegen im sommer 1863. pp. 28. 8°. [Wien, 1863.]

Aus den *Verhandlungen d. K. k. zoologisch-botanischen gesellschaft in Wien*, jahrg. 1863, pp. 1161-1188.

**Jardin (Le) des plantes;** description complète historique et pittoresque du Muséum d'histoire naturelle, de la ménagerie, des serres, des galeries de minéralogie et d'anatomie et de la vallée suisse; par MM. P. Bernard, L. Couailliac, Gervais et Emm. Lemaout. 2 v. pl. 4°. Paris, L. Curmer, 1842-43.

Wanting: v. 2, 2 plates (Menure lyre and Grue cendrée).

v. 2, title reads: Le jardin des plantes; description complète historique et pittoresque du Muséum d'histoire naturelle (oiseaux, reptiles, poissons, insectes et crustacés); par . . . Emm. Lemaout.

**Karlsruhe, Naturwissenschaftlicher verein in.** Verhandlungen, 1901/02. v. 15. pp. 25+188. il. pl. 8°. Karlsruhe, 1902.

**La Plata, Museo de.** Revista. v. 10. pp. 326. pl. 4°. La Plata, 1902.

**Leland Stanford junior university—Hopkins seaside laboratory.** Contributions to biology. no. 1-6, 8-24, 26, 28-29. pl. 4° (no. 1-6, 8-9, 12, 14, 18-19, 8°). Palo Alto, Cal., & San Francisco, 1895-1902.

*Contents:*—no. 1. Fishes of Sinaloa; by David Starr Jordan. 1895.—no. 2. On the cranial characters of the genus Sebastodes (rock-fish); by Frank Cramer. 1895.—no. 3. Fishes of Puget sound; by David Starr Jordan, and Edwin Chapin Starks. 1895.—no. 4. New Mallophaga, 1; by Vernon L. Kellogg. 1896.—no. 5. Notes on fishes, little known or new to science; by David Starr Jordan. 1896.—no. 6. Notes on fresh water fishes of the Pacific slope of North America; by Cloudsley Rutter. 1896.—no. 8. List of fishes collected at Port Ludlow, Wash.; by Edwin Chapin Starks. 1896.—no. 9. Marine fossils from the coal measures of Arkansas; by James Perrin Smith. 1896.—no. 10. Scientific names of Latin and Greek derivation; by Walter Miller. 1897.—no. 11. Morphological study of naias and zannichellia; by Douglas Houghton Campbell. 1897.—no. 12. Geology of the paleozoic area of Arkansas south of the novaculite region; by George H. Ashley. 1897.—no. 13. Development of Glyptoceras and the phylogeny of the Glyptocerotidae; by James Perrin Smith. 1897.—no. 14. Geological reconnaissance of the coal fields of the Indian Territory; by Noah Fields Drake. 1898.—no. 15. Description of a species of fish (*Mitsukurina owstoni*) from Japan, the type of a distinct family



of lamnoid sharks; by David Starr Jordan. 1898.—no. 16. Development of Lytoceras and Phylloceras; by James Perrin Smith. 1898.—no. 17. Phycological memoirs; by De Alton Saunders. 1898.—no. 18. Phosphorescent organs in the toadfish, *Porichthys notatus* Girard; by Charles Wilson Greene. 1899.—no. 19. New Mallophaga, 3; by Vernon L. Kellogg, Bertha L. Chapman, and Robert E. Snodgrass. 1899.—no. 20. Nature of the association of alga and fungus in lichens; by George James Peirce. 1899.—no. 21. Studies on the flower and embryo of *Sparganium*; by Douglas Houghton Campbell. 1899.—no. 22. Development and phylogeny of Placenticeras; by James Perrin Smith. 1900.—no. 23. Studies on the coast redwood, *Sequoia sempervirens* Endl.; by George James Peirce. 1901.—no. 24. Description of two new genera of fishes (*Ereunias* and *Draciscus*) from Japan; by David Starr Jordan and John Otterbein Snyder; and Description of three new species of fishes from Japan; by David Starr Jordan and Edwin Chapin Starks. 1901.—no. 26. Studies on ciliate infusoria; by N. M. Stevens. 1901.—no. 28. Anatomy of *Epidella squamula*, sp. nov.; by Harold Heath. 1902.—no. 29. Root-tubercles of bur clover (*Medicago denticulata* Willd.) and of some other leguminous plants; by George James Peirce. 1902.

**Lozeron, Henri.** La répartition verticale du plancton dans le Lac de Zurich de décembre 1900 à décembre 1901. pp. 84. pl. [5]. 8°. Zurich, Impr. Zürcher & Furrer, 1902.

Agr 2—66

Thèse . . . Université de Zurich.

*Vierteljahrsschrift der Naturforschenden gesellschaft in Zürich*, jahrg, 47, 1902.

Tableau des ouvrages consultés, pp. 81-84.

**Magdeburg (Ger.), Naturwissenschaftlicher verein in.** Jahresbericht und abhandlungen, 1900-1902. pp. 191. il. por. 8°. Magdeburg, 1902.

**Manchester field naturalists' and archæologists' society.** Report and proceedings, 1900-01. 41st-42d year. pp. 80. il. 8°. [Manchester], 1901-02.

**Naples. Società di naturalisti in Napoli.** Bollettino, 1901. ser. 1, v. 15. pp. 179. il. 8°. Napoli, 1902.

**Nature-study exhibition,** Royal botanic gardens, Regent's Park, London, N. W., July 23rd to August 5th, 1902. pp. 74. 8°. Lond., [1902].

**Naturhistorischer verein der preussischen Rheinlande, Westfalens und des reg.-bezirks Osnabrück.** Verhandlungen. v. 57. pp. 629. il. 8°. Bonn, 1900.

**Naturwissenschaftlicher verein für Steiermark.** Mittheilungen, 1901. heft 38. pp. 266. il. 8°. Graz, 1902.

**Niederrheinische gesellschaft für natur- und heilkunde zu Bonn.** Sitzungsberichte, 1900. pp. 64. 8°. Bonn, 1900.

**Nouveau dictionnaire d'histoire naturelle appliquée aux arts, à l'agriculture, à l'économie rurale et domestique, à la médecine, etc., par une société de naturalistes et d'agriculteurs; nouvelle édition presque entièrement refondue et considérablement augmentée.** 36 v. pl. 8°. Paris, Deterville, 1816-19.

Agr 2—180

**Perthshire society of natural science.** Transactions and proceedings, 1901/02. v. 3, pt. 4. pp. [70]. pl. 8°. Perth, 1902.

**Presburg (Hungary), Verein für natur- und heilkunde zu.** Verhandlungen, 1900-01. v. 21-22 (n. s., v. 12-13). 8°. Presburg, 1901-02.

**Riga (Russia), Naturforscher-verein zu.** Korrespondenzblatt. jahrg. 45. pp. 168. il. 8°. Riga, 1902.

**Santa Barbara (Cal.) society of natural history.** Bulletin. no. 1. pp. 30. 8°. Santa Barbara, 1887.

**Siebenbürgischer verein für naturwissenschaften zu Hermannstadt.** Verhandlungen und mittheilungen, 1900-01. v. 50-51. 8°. Hermannstadt, 1901-02.

**Société linnéenne de Normandie.** Bulletin, 1855/56-94, 1896. ser. 1, v. 1-ser. 4, v. 8; ser. 4, v. 10. 8°. Caen, 1856-97.

Complet set to date.

**Société linnéenne de Normandie.** Mémoires, 1824-95. v. 1-18. pl. 4° (v. 1-4, 8°). Caen & Paris, 1824-95.

v. 1-2, 1824-25, title reads: "Mémoires de la Société linnéenne du Calvados."

Completes set to date with exception of ser. 2, v. 1, pt. 1, 1829, the only part of that series ever published.

**Société vaudoise des sciences naturelles.** Bulletin. no. 143. pp. 68. il. 8°. Lausanne, 1902.

**Solothurn (Switz.), Naturforschende gesellschaft in.** Mittheilungen. pt. 1. pp. 155. 8°. Solothurn, 1902.

Contains 13. bericht, 1899-1902.

**South African museum, Cape Town.** Annals, June 1898-July 1902. v. 1-2, pt. 9. pl. 4°. Lond., Printed for the trustees of the South African museum, 1899-[1902].

Agr 2-75

**Yates, Lorenzo Gordin.** Channel Islands; stray notes on the geology of the Channel Islands; the mollusca of the Channel Islands of California; insular floras. pp. 20. pl. 5. maps. 8°. n. p. [1890?.]

Agr 2-182

Written for the Ninth annual report of the state mineralogist of California, Wm. Ireland, jr.

## 22. PALEONTOLOGY AND GEOLOGY.

**American philosophical society, held at Philadelphia, for promoting useful knowledge.** Transactions. n. s., v. 20, pt. 3. pp. 237-397. 1 pl. map. tab. 4°. Phila., 1902.

*Contents:*—Article 5. Fossil mammalia of the White River beds of Montana; by Earl Douglass.—Article 6. Results of observation with the zenith telescope of the Sayre observatory from April 1, 1876, to Dec. 27, 1893; by Charles L. Doolittle.

**Andrews, Charles W., and Beadnell, H. J. L.** Preliminary note on some new mammals from the upper eocene of Egypt. pp. 9. pl. 2. 4°. Cairo, 1902. (EGYPT—Public works ministry—Survey department. [Publications.] )

**Ball, John.** On the topographical and geological results of a reconnaissance-survey of Jebel Garra and the oasis of Kurkur. pp. 40. pl. 7. 4°. Cairo, 1902. (EGYPT—Public works ministry—Survey department. [Publication.] )

**Koch, Anton.** Die tertiärbildungen des beckens der siebenbürgischen landestheile. pt. 2. pp. 369. il. pl. 3. 4°. Budapest, 1900.

*Contents:*—Neogene abtheilung.

Pt. 1 (Palæogene abtheilung) published in Jahrbuch der Kgl. ung. geologischen anstalt, band 10, heft 6, 1894.

**La Plata, Museo de.** Anales . . . sección geológica y mineralógica. no. 3. pp. 102. pl. 26. f°. La Plata, 1900.

*Contents:*—Coupe géologique de la Cordillère entre Las Lajas et Curacautin, par Carl Burckhardt.

**Lucas, Frederic Augustus.** Animals before man in North America; their lives and times. pp. 291. il. pl. 12°. N. Y., D. Appleton and company, 1902. 2-28498

**McConnell, Primrose.** Elements of agricultural geology; a scientific aid to practical farming. pp. 329. il. pl. 8, map. 8°. Lond., Crosby Lockwood & son, 1902. Contains chapters on the evolution of live stock.

**Verein für vaterländische naturkunde in Württemberg.** Jahreshefte. v. 58. pp. 105 + 388. il. pl. 8. 8°. Stuttgart, 1902.

— — Beilage zu jahrg. 58. pp. 38. 8°. Stuttgart, 1902.

*Contents:*—Verzeichnis der mineralogischen, geologischen, urgeschichtlichen und hydrologischen litteratur von Württemberg, Hohenzollern und den angrenzenden gebieten. 1. Die litteratur von 1901.

**Whitlock, Herbert P.** Guide to the mineralogic collections of the New York state museum. pp. 147. il. pl. 8°. Albany, 1902. (NEW YORK (state)—Museum. Bulletin 58.)

## 23. BIOLOGY.

**Bateson, William.** Mendel's principles of heredity, a defence; with a translation of Mendel's original papers on hybridisation. pp. 212. por. 12°. Cambridge, [Eng.], University press, 1902. 2—28438

Bibliography, pp. 209-212.

**Drew, Gilman Arthur.** Life-history of *Nucula delphinodonta* (Mighels). pp. 74. il. pl. 6. 4°. Orono, Me., 1901. (MAINE—*University. Studies.* no. 2.) Agr 2—73  
Reprinted from the *Quarterly journal of microscopical science*, v. 44, 1901, pp. 313-391.

**Fleischmann, Albert.** Die descendenztheorie; gemeinverständliche vorlesungen über den auf- und niedergang einer naturwissenschaftlichen hypothese, gehalten vor studierenden aller fakultäten. pp. 274. il. 8°. Leipz., Arthur Georgi, 1901.

**Herrera, Alfonso L.** Le protoplasma de métaphosphate de chaux. pp. [13]. il. 8°. Mexico, Imprimerie du gouvernement fédéral, 1902. Agr 2—65

Extrait des *Mémoires et revue de la Société scientifique "Antonio Alzate,"* tome 17, no. 6, pp. 201-213.

**Looss, Arthur.** Über die theiligung der leukocyten an dem zerfall der gewebe im froschlarchenschwanz während der reduction desselben; ein beitrage zur phagocytenlehre. pp. 28. 8°. Leipz., Ramm & Seemann, 1889.

Habilitationsschrift . . . Leipzig.

**MacDougal, Daniel Trembly.** Origin of species by mutation. pp. [12]. 8°. [N. Y., 1902.] Agr 2—179

Reprinted from *Torrey*, v. 2, pp. 65-68, 81-84, 97-100.

**Manchester museum, Owens college.** Descriptive catalogue of the embryological models, by the late A. Milnes Marshall . . . 2d edition revised and extended by Sydney J. Hickson. pp. 109. 8°. Lond., Dulau & co., 1902. (MUSEUM handbooks.)

**Mell, Patrick Hues.** Biological laboratory methods. pp. 321. il. tab. 12°. N. Y., The Macmillan co., 1902. 2—25170

**Schäfer, Edward Albert.** Essentials of histology, descriptive and practical, for the use of students. Ed. 6 enl. pp. 416. il. 8°. Phila., Lea brothers & co., 1902. Agr 2—175

**Vries, Hugo de.** Die mutationstheorie; versuche und beobachtungen über die entstehung der arten im pflanzenreich. 2. bd., 1. lfg. pp. 240. il. 2 pl. 8°. Leipz., Veit & comp., 1902.

*Contents:*—2. bd. Die bastardirung.

**Weismann, August.** Vorträge über descendenztheorie, gehalten an der Universität zu Freiburg im Breisgau. 2 v. il. pl. 3. 8°. Jena, Gustav Fischer, 1902.

## 24. BOTANY.

**Arcularius, Rudolf.** Ein fall von wurzelkropf bei *Abies pichta*; zugleich als beitrage zur kenntniss der maserbildung bei Coniferen. pp. 45. pl. [6]. 8°. Leipz., W. Hoppe, 1897.

Inaugural-dissertation . . . Erlangen.

**Beardslee, Henry C.** Notes on the *Amanitas* of the southern Appalachians. pt. 1. pp. 8. il. 8°. Cincinnati, Lloyd library, 1902.

*Contents:*—Sub-genus *Amanitopsis*.

**Berg, Otto Carl, and Schmidt, C. F.** Atlas der officinellen pflanzen; darstellung und beschreibung der im arzneibuche für das Deutsche Reich erwähnten gewächse; 2<sup>te</sup> verbesserte auflage von Darstellung und beschreibung, sämtlicher in der Pharmacopœa borussica aufgeführten officinellen gewächse; herausgegeben durch Arthur Meyer [und] Karl Schumann. v. 1-4, p. 79 (lief. 1-28). pl. 1-162. f°. Leipz., Arthur Felix, 1902.



**Boccone, Paolo.** Museo di piante rare della Sicilia, Malta, Corsica, Italia, Piemonte, e Germania. pp. 196. pl. 131. 8°. Venetia, Io. Baptista Zuccato, 1697.  
Paging irregular; nos. 129-138 repeated. Agr 2-1

**Bohlin, Knut.** Utkast till de gröna algernas och arkegoniaternas fylogeni. pp. 43. 1 pl. 8°. Upsala, 1901.  
Akademisk afhandling . . . Upsala.

**Brundin, J. A. Z.** Bidrag till kännedomen om de svenska fanerogama örternas skottutveckling och öfvervintring. pp. 111. il. 8°. Upsala, Almqvist & Wiksells boktryckeri-aktiebolag, 1898.  
Akademisk afhandling . . . Upsala. Agr 2-50

**Buitenzorg, Java. Jardin botanique.** Verslag omtrent den staat van 's lands plantentuin te Buitenzorg, 1901. pp. 256. 8°. Batavia, 1902.

**Caldwell, Otis William.** Laboratory manual of botany; outlines and directions for laboratory and field-work in botany in secondary schools. pp. 107. 12°. N. Y., D. Appleton & co., 1902. (TWENTIETH century text-books.) 2-11155  
Reference lists, pp. 103-107.

**Chesnut, Victor King.** Problems in the chemistry and toxicology of plant substances. pp. 30. 8°. [N. Y., 1902.] Agr 2-169  
Reprinted from *Science*, n. s., v. 15, no. 391, pp. 1016-1028, June 27, 1902.

**Clute, Willard Nelson.** Fern-collector's guide; where to find and how to name the ferns. pp. 61. front. il. 12°. N. Y., Frederick A. Stokes co., [c1902]. 2-21874

**Cogniaux, Alfred, and Goossens, Alphonse.** Dictionnaire iconographique des orchidées; direction & rédaction par A. Cogniaux; dessins & aquarelles par A. Goossens. ser. 6, no. 1. pl. ob. 24°. Bruxelles, [1902].

— — Table des planches composant les cinq premières séries et ordre dans lequel elles doivent être classées. un p. 12°. Bruxelles, Imprimerie B. Vandievoet, [1902].

— Chronique orchidéenne; supplément mensuel au Dictionnaire iconographique des orchidées, Sept. 1902. no. 46. 12°. Bruxelles, [1902].

**Cooke, Theodore.** Flora of the presidency of Bombay. pt. 1. pp. 192. 8°. Lond., Taylor & Francis, 1901.  
*Contents:*—Ranunculaceæ to Rutaceæ.

**Dalibard, Thomas François.** Floræ Parisiensis prodromus; ou, Catalogue des plantes qui naissent dans les environs de Paris, rapportées sous les dénominations modernes & anciennes, & arrangées suivant la méthode sexuelle de Linnæus. pp. 54+403. 16°. Paris, Durand, 1749. Agr 2-3

**De Candolle, Augustin Pyramus.** Description d'une nouvelle espèce de figuier (*Ficus saussureana*). pp. 9. 1 pl. 4°. [Genève, 1841.] Agr 2-2  
From *Mémoires de la Société de physique et d'histoire naturelle de Genève*, v. 9, pp. 65-75.

**Dietel, Paul.** Beiträge zur morphologie und biologie der Uredineen. pp. 26. 8°. Cassel, 1887.  
Plate wanting.

Inaugural-dissertation . . . Jena.

Separat-abdruck aus dem *Botanischen centralblatt*, v. 32, 1887.

**Durand, Théophile, and Jackson, Benjamin Daydon, compilers.** Index Kewensis plantarum phanerogamarum; supplementum . . . 1886-95. pt. 2, Cy-Ir. pp. 121-224. f°. Bruxelles, n. d.

**Dyer, William Turner Thiselton.** Flora of tropical Africa. v. 4, pt. 2. 8°. Lond., Lovell Reeve & co., ltd., 1902.

**Engler, Adolf, and Pruefer, Oscar, editors.** Die vegetation der erde; sammlung

pflanzen-geographischer monographien. pt. 6. pp. 671. il. 1 map. 4°. Leipz., Wilhelm Engelmann, 1902.

*Contents*:—Der hercynische florenbezirk; grundzüge der pflanzenverbreitung im mitteldeutschen berg- und hügelände vom Harz bis zur Rhön, bis zur Lausitz und dem Böhmer Walde, von Oscar Drude.

Litteratur-verzeichnis, pp. 18-35.

**Fedde**, Friedrich Karl Georg. Beiträge zur vergleichenden anatomie der Solanaceae. pp. 48. 1 pl. 8°. Breslau, Anton Schreiber, [1896]. Agr 2—53

Inaugural-dissertation . . . Breslau.

Arbeit aus dem Botanischen garten der Universität Breslau.

**Fernald**, Merritt Lyndon. Relationships of some American and old world birches. pp. [30]. pl. [2]. 8°. [New Haven, 1902.] (HARVARD UNIVERSITY—*Gray herbarium*. Contributions. n. s., no. 23.)

From *American journal of science*, ser. , v. 14, pp. 167-194.

**Flint**, Charles Louis. Practical treatise on grasses and forage plants, comprising their natural history, comparative nutritive value, methods of cultivating, cutting, and curing, and the management of grass lands. pp. 236. il. 1 pl. 8°. N. Y., G. P. Putnam & co., 1857.

— — — Ed. 2. pp. 236. il. 1 pl. 8°. N. Y., A. O. Moore, 1858.

**Forster**, Johann Reinhold, and **Forster**, Georg. Characteres generum plantarum, quas in itinere ad insulas Maris Australis collegerunt, descripserunt, delinearunt annis 1772-75. pp. 150. pl. 75. 4°. Londini, B. White, T. Cadell, & P. Elmsly, 1776. Agr 2—4

**Fries**, Elias Magnus. Epicrisis systematis mycologici; seu, Synopsis Hymenomycetum. pp. 610. 8°. Upsaliae, sumtibus auctoris, 1836-38. Agr 3—118

**Gillet**, Claude Casimir. Champignons de France; les discomycètes; suites. livr. 1-2. pl. [36]. 8°. Alençon, A. Herpin, 1890-[95]. Agr 2—6-8

— Champignons de France; les gastéromycètes; suites. livr. 1-3. pl. [36]. 8°. Alençon, A. Herpin, 1891-[92]. Agr 2—5

— Champignons de France; les hyménomycètes; suites. livr. 1-10. pp. 25. pl. [165]. 8°. Alençon, A. Herpin, [1890-98]. Agr 2—9-13

These parts complete the work.

**Gravis**, Auguste. Recherches anatomiques et physiologiques sur le *Tradescantia virginica* L. au point de vue de l'organisation générale des monocotylées et du type commelinées en particulier. pp. 304. pl. 27. 4°. Bruxelles, 1898.

Bibliographie, pp. [259]-272.

Extrait du tome 57 des *Mémoires couronnés et mémoires des savants étrangers publiés par l'Académie royale des sciences, des lettres et des beaux-arts de Belgique*, 1898.

**Gray**, Asa. Botanical text-book; an introduction to scientific botany, both structural and systematic. Ed. 4. pp. 528. il. 8°. N. Y., George P. Putnam & co., 1853.

**Grenada**—*Botanic station*. Annual report, 1901. pp. 9. f°. Saint George, 1902.

**Günthart**, A. Beiträge zur blüthenbiologie der Cruciferen, Crassulaceen und der gattung *Saxifraga*. pp. 97. pl. 11. f°. Stuttg., Erwin Nägele, 1902. (BIBLIOTHECA botanica. heft 58.) Agr 2—17

Verzeichniss der wichtigsten litteratur, pp. 95-97.

**Halácsy**, Eugen von. Conspectus floræ Græcæ. v. 2. pp. 612. 8°. Lipsiæ, sumptibus Guilelmi Engelmann, 1902.

**Haller**, Albrecht von. Iter Helveticum anni 1739. pp. 120. pl. 2. 8°. Gottingæ, sumtu Reg. univers. offic. librariæ, 1740. Agr 2—14

**Heckel**, Édouard. Les plantes médicinales et toxiques de la Guyane française (catalogue raisonné et alphabétique). pp. 93. 4°. Mâcon, Protat frères, 1897. Agr 3—95



**India**—*Central Provinces*—*Government*. Report on the management of the district gardens in the Central Provinces, 1901/02. pp. 24. f°. Nagpur, 1902.

**Jäderholm**, Elof. Anatomiska studier öfver sydamerikanska peperomier. pp. 99. pl. 2. 8°. Uppsala, Almqvist & Wiksell, 1898. Agr 2—51  
Akademisk afhandling . . . Uppsala.

**Jepson**, Willis Linn. School flora for the Pacific coast. pp. 96. 12°. N. Y., D. Appleton & co., 1902. (TWENTIETH century text-books.) 2—24409

**Kew** (*Eng.*). **Royal gardens**. List of seeds of hardy herbaceous annual and perennial plants grown in the Royal gardens, Kew, 1885. pp. 58. 8°. Lond., Eyre & Spottiswoode, 1886.

**Korshinsky**, S. Tentamen floræ Rossiae orientalis, id est provinciarum Kazan, Wiatka, Perm, Ufa, Orenburg, Samara partis borealis atque Simbirsk. pp. 566. maps. f°. St.-Petersbourg, 1898. (MÉMOIRES de l'Académie impériale des sciences de St.-Petersbourg. 8. sér. Classe physico-mathématique. v. 7, no. 1.) Agr 3—119  
Litteratura: pref. pp. 4-14.

**Lindenia**; iconographie des orchidées, 1901. v. 17 (ser. 2, v. 7), pt. 5-6. pp. 37-52. pl. 785-792. f°. Gand, 1902.

**Lloyd**, C. G. The genera of Gastromycetes. pp. 24. il. 8°. Cincinnati, 1902.

**Loddiges**, Conrad, *and sons*. Botanical cabinet, consisting of coloured delineations of plants, from all countries, with a short account of each, directions for management, &c. 20 v. pl. 2000. 16°. Lond., John & Arthur Arch, 1817-33. Agr 3—120

**McIlvaine**, Charles, *and Macadam*, Robert K. Toadstools, mushrooms, fungi, edible and poisonous; one thousand American fungi; revised edition; how to select and cook the edible, how to distinguish and avoid the poisonous, with full botanic descriptions. pp. 729. il. pl. 4°. Indianapolis, Bowen-Merrill co., [c1902].

**Macoun**, John. Catalogue of Canadian plants. pt. 7. pp. 318. 8°. Ottawa, 1902. (GEOLOGICAL survey of Canada).

*Contents*:—Lichenes and Hepaticæ.

**Massee**, George. European fungus flora; Agaricacæ. pp. 274. 12°. Lond., Duckworth & co., 1902.

**Medikus**, Friedrich Kasimir. Ueber einige künstliche geschlechter aus der malven-familie, denn der klasse der Monadelphien. pp. 158. 8°. Mannheim, In der Neuen hof- und akademischen buchhandlung, 1787. Agr 2—15

*Contents*:—Malven-familie, pp. 8-66.—Von einigen zur klasse der Monadelphien gehörigen pflanzen geschlechtern, pp. 67-126.—Ueber Linnes pflanzen-geschlechtern, pp. 127-158.

**Murray**, Johann Andreas. Prodrömus designationis stirpium Gottingensium. pp. 252. pl. 2. 12°. Gottingæ, Io. Chr. Dieterich, 1770. Agr 2—16

**New South Wales**—*Botanic gardens, Director of*. Report on botanic gardens and domains, 1901. pp. 30. f°. [Sydney], 1902.

**New York** (*state*)—*Botanist*. Report, 1901. pp. [54] pl. 8°. Alb., 1902.

**Philippi**, Rudolph Amandus. Plantas nuevas chilenas de las familias Crucíferas, Bixáceas, Violáceas. Poligáneas, Malváceas, Malpighiáceas, Tropeóleas, Oxalídeas, Líneas i Zigófileas. v. p. 8°. Santiago de Chile, Imprenta Cervantes, 1893.

De los *Anales de la Universidad*, v. 81-82.

**Postelsia**, the year book of the Minnesota seaside station, 1901. pp. 220. pl. 8°. St. Paul, 1902.

*Contents*:—Uses of marine algæ in Japan, by K. Yendo.—Remarks on the distribution of plants in Colorado, east of the divide, by Francis Ramaley.—The phylogeny of the cotyledon, by Harold L. Lyon.—Botanizing in Jamaica, by Eloise Butler.—Algæ collecting in the Hawaiian Islands, by Josephine E. Tilden.—The distribution of marine algæ in Japan, by K. Yendo.—The kelps of Juan de Fuca, by Conway MacMillan.



**Potter, M. C.** Elementary text-book of agricultural botany. Ed. [2] enl. pp. 301. il. 12°. Lond., Methuen & co., 1902. (UNIVERSITY extension series.)

**Quélet, Lucien, and Bataille, Frédéric.** Flore monographique des amanites et des lépiotes. pp. 88. 12°. Paris, Masson et cie., 1902.

**Rauch, Friedrich.** Beitrag zur keimung von uredineen- und erysipheen-sporen in verschiedenen nährmedian. pp. 34. 1 pl. 8°. Erlangen, Louis Hofer, 1895.  
Inaugural-dissertation . . . Erlangen.

**Rydberg, Per Axel.** Monograph of the North American Potentilleæ. pp. 223. pl. 112. f°. [N. Y.], 1898. (COLUMBIA UNIVERSITY—*Department of botany. Memoirs.* v. 2.)  
Agr 2—54

Submitted in partial fulfillment of the requirements for the degree of Doctor of philosophy in the faculty of pure science of Columbia university.

**St. Petersburg. Imperatorskii S.-Peterburghskii botanicheskii sad [Imperial St. Petersburg botanical gardens].** Acta Horti Petropolitani [Trudui Imperatorskagho S.-Peterburghskagho botanicheshagho sada]. v. 19, no. 3. pp. 160. 4°. S.-Peterb., 1902.

**São Paulo, Brazil (state)—Comissão geographica e geologica—Secção botanica.** Relatorio, 1901. pp. 127. 8°. S. Paulo, 1902.

**Schultz, Carl Heinrich, called Bipontinus.** Ueber die tanacetee, mit besonderer berücksichtigung der deutschen arten; festgabe zur jubiläumsfeier des herrn hof-raths Dr. Koch in Erlangen. pp. 69. 4°. Neustadt an der Haardt, C. Trautmann, 1844.  
Agr 3—121

**Smith, Sir James Edward.** Compendium of The English flora of Sir James Edward Smith. pp. 219. 12°. Lond., Longman, Rees, Orme, Brown & Green, 1829.

**Stockholm—Högskola—Botaniska institut.** Meddelanden, 1901. v. 4. il. pl. 8°. n. p., [1902?].

Has also title: Travaux de l'Institut de botanique de l'Université de Stockholm.

**Strasburger, Eduard.** Das botanische practicum; anleitung zum selbststudium der mikroskopischen botanik für anfänger und geübtere, zugleich ein handbuch der mikroskopischen technik. Ed. 4. pp. 771. il. 4°. Jena, Gustav Fischer, 1902.  
Agr 2—52

**Swanton, E. W.** Annotated catalogue of edible British fungi. pp. 43. pl. 6. 8°. Huddersfield, Charles Mosley, 1900.

**Sydow, Paul, and Sydow, H.** Monographia Uredinearum; seu, Specierum omnium ad hunc usque diem descriptio et adumbratio systematica. v. 1, pt. 1. pp. 192. il. 4°. Lipsiæ, Fratres Borntraeger, 1902.

**Wenkiewicz, Bronislaw.** Das verhalten des schimmelgenus mucor, etc. pp. 50. 8°. Dorpat, 1880.

Inaugural-dissertation . . . Dorpat.

**Wilhelmi, Armand.** Beiträge zur kenntnis des saccharomyces guttulatus (Buscalioni). pp. 19. 2 pl. 8°. Jena, Gustav Fischer, 1898.

Inaugural-dissertation . . . Bern.

**Yates, Lorenzo Gordin.** Ferns of the Pacific coast. pp. [4]. 8°. n. p., [1901].  
Agr 2—55

Read at the session of the Pacific states floral congress held in San Francisco in 1901.

## 25. ZOOLOGY.

**Albert, Federico.** La introducción de los salmones. pp. 60. il. 8°. Santiago de Chile, 1902.  
Agr 2—174

Publicado por encargo de Ministerio de industria.

**Bailey, Mrs. Florence Augusta Merriam.** Handbook of birds of the western United States, including the great plains, great basin, Pacific slope, and lower Rio

Grande valley. pp. 90 + 512. il. pl. map. 12°. Boston, Houghton, Mifflin and company, 1902.

2—27502

Books of reference, p. 83-88.

**Ballowitz, Emil.** Bemerkungen zu der arbeit von Dr. phil. Karl Ballowitz über diesamenkörper der arthropoden, nebst weiteren spermatologischen beiträgen, betreffend die tunicaten, mollusken, würmer, echinodermen und coelenteraten. pp. 36. pl. 2. 8°. [Leipz., 1894.]

Reprinted from *Internationale monatsschrift für anatomic und physiologie*, v. 11, no. 5, pp. 245-280, pl. 12-13, 1894.

**British ornithologists' club.** Bulletin. v. 10-11. 8°. Lond., 1900-01.

**Congrès ornithologique international.** 3d, Paris, 1900. Compte rendu des séances; publié par E. Oustalet et J. de Claybrooke. pp. 503. il. pl. 4. 4°. Paris, Masson et cie., 1901.

Agr 2—67

**Coombes, S. C.** Frog-raising, as good and better than many gold mines; the only book in the whole wide world on the cultivation, development, and various uses of the common edible frog. pp. 24. il. 16°. South San Francisco, Published by S. C. Coombes, 1902.

**Emu;** a quarterly magazine to popularize the study and protection of native birds; official organ of the Australasian ornithologists' union, Jan.-Oct. 1902. v. 1, pt. 2—v. 2, pt. 2. il. 8°. Melbourne, 1902.

**Frauenfeld, Georg von.** Dritter beitrage zur fauna Dalmatiens, nebst einer ornithologischen notiz. pp. 14. 8°. [Wien, 1861.]

Aus den *Verhandlungen d. K. k. zoologisch-botanischen gesellschaft in Wien*, jahrg. 1861, pp. 97-110.

**Frauenfeld, Georg von.** Ueber den artnamen von Aphanapteryx. pp. 4. 8°. [Wien, 1869.]

Aus den *Verhandlungen d. K. k. zoolog.-botanischen gesellschaft in Wien*, jahrg. 1869, pp. 761-764.

**Frauenfeld, Georg von.** Weiterer beitrage zur fauna Dalmatiens. pp. 8. 8°. [Wien, 1860.]

Aus den *Verhandlungen d. K. k. zoologisch-botanischen gesellschaft in Wien*, jahrg. 1860, pp. 787-794.

**Gaffron, Eduard.** Beiträge zur anatomie und histologie von Peripatus. pp. 32. 8°. Breslau, Robert Nischkowsky, 1883.

Plates wanting.

Literaturverzeichnis, p. 29.

Inaugural-dissertation . . . Breslau.

**Grant, William Robert Ogilvie.** Handbook to the game-birds. 2 v. il. pl. 39. 8°. Lond., W. H. Allen & co., 1895-97. (ALLEN's naturalist's library. Edited by R. Bowdler Sharpe.)

Agr 3—70

*Contents:*—v. 1. Sand-grouse, partridges, pheasants.—v. 2. Pheasants (continued), megapodes, curassows, hoatzins, bustard-quails.

**Gravis, Auguste.** Procédés techniques usités à la Station zoologique de Naples en 1883. pp. [26]. 8°. Bruxelles, A. Manceaux, 1884.

Extrait du *Procès-verbal de la séance mensuelle du 28 mars 1884 de la Société belge de microscopie*, pp. 104-127.

**Haast, Julius.** Bemerkungen über Strigops habroptilus, eingesendet aus Canterbury auf Neuseeland . . . uebersetzt aus dem englischen von Georg von Frauenfeld. pp. 6. 8°. [Wien, 1863.]

Aus den *Verhandlungen d. K. k. zoologisch-botanischen gesellschaft in Wien*, jahrg. 1863, pp. 1115-1120.

**Harvard college—Museum of comparative zoology.** Annual report, 1901/02. pp. 32. pl. 8°. Camb., 1902.

**Hertwig, Oskar, editor.** Handbuch der vergleichenden und experimentellen entwickelungslehre der wirbeltiere. lief. 6-8. pp. 462. il. 4°. Jena, Gustav Fischer, 1902.

Litteratur, pp. 105-108, 241-252, 337-348, 456-462.



**Jardine, Sir William, editor.** Naturalist's library . . . Entomology. 7 v. front. (port.), il. pl. 12°. Edinburgh, W. H. Lizars, 1835-41. Agr 3-3

*Contents:*—v. 1. Dunean, James. Introduction to entomology. 1840.—v. 2. Duncan, James. Natural history of beetles. 1835.—v. 3. Dunean, James. Natural history of British butterflies. 1835.—v. 4. Dunean, James. Natural history of British moths. 1836.—v. 5. Duncan, James. Natural history of foreign butterflies. 1837.—v. 6. [Dunbar, William. Natural history of bees. 1839.]—v. 7. Duncan, James. Natural history of exotic moths. 1841.

**Jardine, Sir William, editor.** Naturalist's library . . . Ichthyology. 6 v. front. (port.), il. pl. 12°. Edinburgh, W. H. Lizars, 1835-43. Agr 3-4

*Contents:*—v. 1. Jardine, Sir W. Natural history of fishes of the perch family. 1835.—v. 2. Bushnan, J. S. Natural history of fishes, particularly their structure and economical uses. 1840.—v. 3. Schomburgk, Sir R. H. Natural history of the fishes of Guiana. pt. 1. 1841.—v. 4. Hamilton, Robert. Natural history of British fishes. v. 1. 1843.—v. 5. Schomburgk, Sir R. H. Natural history of the fishes of Guiana. pt. 2. 1843.—v. 6. Hamilton, Robert. Natural history of British fishes. v. 2. 1843.

**Jardine, Sir William, editor.** Naturalist's library . . . Mammalia. 13 v. front. (port.), il., pl. 12°. Edinburgh, W. H. Lizars, 1833-43. Agr 3-2

*Contents:*—v. 1. Jardine, Sir William. Natural history of monkeys. 1833.—v. 2. Jardine, Sir William. Natural history of the felinae. 1834.—v. 3-4. Jardine, Sir William. Natural history of the ruminating animals. 2 v. 1835-36.—v. 5. Jardine, Sir William. Natural history of the pachydermes. 1836.—v. 6. [Hamilton, Robert]. Natural history of the ordinary cetacea or whales. 1837.—v. 7. Macgillivray, William. History of British quadrupeds. 1838.—v. 8. Hamilton, Robert. Natural history of the amphibious carnivora. 1839.—v. 9-10. Smith, C. H. Natural history of dogs. 2 v. 1839.—v. 11. Waterhouse, G. R. Natural history of Marsupialia. 1841.—v. 12. Smith, C. H. Natural history of horses. 1841.—v. 13. Smith, C. H. Introduction to mammalia. 1842.

**Jardine, Sir William, editor.** Naturalist's library . . . Ornithology. 14 v. front. (port.), il., pl. 12°. Edinburgh, W. H. Lizars, 1833-43. Agr 3-1

*Contents:*—v. 1-2. Jardine, Sir William. Natural history of humming-birds. 2 v. 1833-34.—v. 3. Jardine, Sir William. Natural history of gallinaceous birds. v. 1. 1834.—v. 4. Jardine, Sir William. Natural history of game birds (Gallinaceous birds. pt. 2). 1834.—v. 5. Selby, P. J. Natural history of pigeons (Gallinaceous birds. pt. 3). 1835.—v. 6. Selby, P. J. Natural history of parrots. 1836.—v. 7-8. Swainson, William. Natural history of the birds of Western Africa. 2 v. 1837.—v. 9. Jardine, Sir William. Natural history of the birds of Great Britain and Ireland. pt. 1. 1838.—v. 10. Swainson, William. Natural arrangement and relations of the family of flycatchers. 1838.—v. 11-12. Jardine, Sir William. Natural history of the birds of Great Britain and Ireland. pt. 2-3. 1839-42.—v. 13. Jardine, Sir William. Natural history of the Nectariniadae. 1843.—v. 14. Jardine, Sir William. Natural history of the birds of Great Britain and Ireland. pt. 4. 1843.

**Keyser, Leander Sylvester.** Birds of the Rockies . . . with a complete check-list of Colorado birds. pp. 355. il. pl. 8°. Chicago, A. C. McClurg and co., 1902.

2-23863

**Koningberger, J. C.** De zoogdieren van Java. pp. 75. pl. 3. 4°. Batavia, G. Kolff & co., 1902. (BUIITENZORG, Java. JARDIN BOTANIQUE. Mededeelingen uit 's Lands plantentuin, no. 54.)

**Lubbock, Sir John, 1st baron Avebury.** On the senses, instincts and intelligence of animals, with special reference to insects. New ed. pp. 292. il. 12°. Lond., Kegan Paul, Trench, Trübner & co., 1899. (INTERNATIONAL scientific series, v. 65.)

Agr 2-178

List of the principal memoirs, etc., referred to in the present work, pref. pp. 21-29.

**Lydekker, Richard.** Handbook of the Carnivora. pt. 1. pp. 312. pl. 32. 12°. Lond., W. H. Allen & co., n. d. (ALLEN'S naturalist's library.)

*Contents:*—Cats, civets, and mungooses.

**Monfallet, Daniel.** La organización animal . . . Nutrición i jeneración. pp. 269. il. 12°. Santiago de Chile, Carlos Goffi, 1902.

Bibliography, pp. 257-269.

**Nelson, Julius.** Course of twelve lectures in zoology. pp. 55. 12°. [New Brunswick, N. J.], 1892. (RUTGERS COLLEGE AND RUTGERS SCIENTIFIC SCHOOL—Extension department. Syllabus. no. 6.)



**Philadelphia commercial museum.** Scientific bulletin. no. 1. pp. 22. pl. 4. 8°. Phila., 1899. Agr 2—177

*Contents:*—Contributions to the herpetology of New Grenada and Argentina, with descriptions of new forms, by Edward D. Cope.

**Sanderson, George P.** Thirteen years among the wild beasts of India; their haunts and habits from personal observation, with an account of the modes of capturing and taming elephants. Ed. 6. pp. 387. pl. 8°. Lond., W. H. Allen & co., 1896.

**Società zoologica italiana.** Bollettino. anno 10 (ser. 2, v. 2), fasc. 1-6. 8°. [Roma], 1901.

**Société zoologique de France.** Bulletin, June 1876-Dec. 1894, Jan.-Dec. 1896. v. 1-19, 21. il. pl. 8°. Paris, 1876-96.

Published irregularly, although v. 1-12 claims to be bi-monthly, and subsequent issues monthly. Completes the set to date.

**Société zoologique de France.** Mémoires, 1888-94. v. 1-7. pl. 8°. Paris, 1888-94.

Completes the set to date.

**Stone, Witmer, and Cram, William Everett.** American animals; a popular guide to the mammals of North America north of Mexico, with intimate biographies of the more familiar species. pp. 318. front. pl. 4°. N. Y., Doubleday, Page & co., 1902. 2—26092

Bibliography, pp. 301-303.

**Thunberg, Carl Petter.** Fauna chinensis. pp. 7. sq. 12°. Upsaliæ, Palmblad etc., [1823]. Agr 2—70

Inaug.-dis.—Upsala.

**Thunberg, Carl Petter.** Fauna guineensis. pp. 9. sq. 12°. Upsaliæ, Palmblad, et c., [1823]. Agr 2—69

Inaug.-dis.—Upsala.

**Thunberg, Carl Petter.** Fauna japonica. pp. 8. sq. 12°. Upsaliæ, Regiæ academice typographi, [1822]. Agr 2—71

Inaug.-dis.—Upsala.

**Thunberg, Carl Petter.** Fauna japonica continuata. pp. 8. sq. 12°. Upsaliæ, Regiæ academice typographi, [1823]. Agr 2—72

Inaug.-dis.—Upsala.

**Thunberg, Carl Petter.** Fauna Novæ Hollandiæ. pp. 8. sq. 12°. Upsaliæ, Regiæ academice typographi, [1822]. Agr 2—68

Inaug.-dis.—Upsala.

**Wallace, Robert.** On the colour of the skin of men and animals in India. pp. 2. 8°. [Edinb., 1889.] Agr 2—35

Reprinted from the *Proceedings of the Royal society of Edinburgh*, v. 15, 1887-88, pp. 64-65.

**Wilder, Harris Hawthorne.** Synopsis of animal classification. pp. 57. 8°. N. Y., Henry Holt & co., 1902. 2—25631

**Zoologischer jahresbericht für 1901;** herausgegeben von der Zoologischen station zu Neapel; redigirt von Paul Mayer. v. p. 4°. Berl., 1902.

**Zoologisches magazin;** herausgegeben von C. R. W. Wiedemann. v. 1-2, pt. 1. pl. 8°. Kiel & Altona, 1817-23. Agr 2—60

No more published.

## 26. HUNTING.

**Bangor and Aroostook railroad, publishers.** In pine-tree jungles; a handbook for sportsmen and campers in the great Maine woods. pp. 174. il. map. 8°. Bangor, [1902.]

**Foà, Edouard.** After big game in Central Africa; records of a sportsman from August, 1894, to November, 1897, when crossing the Dark Continent from the mouth of the Zambesi to the French Congo . . . translated from the French, with an introduction, by Frederick Lees. pp. 330. il. port. pl. 1 map. 8°. Lond., Adam & Charles Black, 1899.

**Pollok, F. T., and Thom, W. S.** Wild sports of Burma and Assam. pp. 507. il. port. maps. 8°. Lond., Hurst & Blackett, 1900.

## 27. ENTOMOLOGY.

**Archiv für die naturkunde Liv-, Ehst- und Kurlands;** herausgegeben von der Naturforscher-gesellschaft bei der Universität Jurjew. ser. 2, v. 12, no. 1. pp. 79. 4°. Jurjew, 1902. Agr 3—196

*Contents:*—Lepidoptera baltica; schmetterlings-verzeichniss der Ostseeprovinzen nach dem catalog Staudinger-Rebel.

**Bienen-zeitung;** organ des Vereins der deutschen und österreichischen bienen-wirthe, [semi-monthly], Jan. 15, 1877-Dec. 15, 1884. v. 33-40. il. 4°. Nördlingen, [1877-84].

v. 33-35, edited by Andreas Schmid.

v. 36, edited by Andreas Schmid and F. W. Vogel.

v. 37-40, edited by F. W. Vogel.

v. 33, title reads: *Bienen-zeitung; organ des Vereins der deutschen bienenwirthe.*

**Buckton, George Bowdler.** Monograph of the Membracidae. pt. 4. pp. 133-180. pl. 29-38. 4°. Lond., Lovell Reeve & co., limited, 1902. (MONOGRAPHIE entomologie. no. 2.)

**Burmeister, Hermann Carl Conrad.** De insectorum systemate naturali. pp. 40. fold. tab. 12°. Halis Saxonum, typis Grunertorum patris filiiue, [1829]. Agr 3—148  
Dis.-inaug.—Halle.

**Cape of Good Hope—Agriculture, Department of—Government entomologist.** Report, 1901. pp. 103. pl. 6. 8°. Cape Town, 1902.

**Carpenter, George Henry.** Injurious insects observed in Ireland during the year 1901. pp. [29]. 1 pl. 8°. n. p., 1902. (ROYAL DUBLIN SOCIETY. Economic proceedings. v. 1, pt. 3, no. 5.)

References, pp. 157-158.

**Costa, Achille.** Prospetto degli imenotteri italiani da servire di prodomo di imenotterologia italiana. 3 v. pl. 4°. Napoli, Tipografia dell' Accademia reale delle scienze, [1872?]-1894.

Bibliography, v. 1, p. 62, p. 29; v. 2, pp. 7-8; v. 3, pp. 10-11.

v. 1, published in *Annuario del Museo zoologico, Napoli*, v. 4, 5, 6; v. 2, published in *Atti dell' Accademia reale delle scienze, Napoli*, ser. 2, v. 3.

**Dalla Torre, Karl Wilhelm von.** Catalogus Hymenopterorum hucusque descriptorum systematicus et synonymicus. v. 3, pt. 2 (sign. 35-72). 8°. Lipsiæ, 1902.

**Eiselt, Johann Nepomuk.** Geschichte, systematik und literatur der insectenkunde, von den ältesten zeiten bis auf die gegenwart. pp. 255. 3 fold. diagr. 8°. Leipz., C. H. F. Hartmann, 1836. Agr 3—157

**Eliot, Ida Mitchell, and Soule, Caroline Gray.** Caterpillars and their moths. pp. 302. pl. 8°. N. Y., The century co., 1902. 2—2249;

**Felt, Ephraim Porter.** Insects injurious to elm trees. pp. [29]. il. pl. 3. 4°. [Albany, 1900?]

Reprinted from *5th annual report, Fisheries, game, and forest commission, New York*, pp. 351-379.

**France—Département de la Seine-Inférieure—Laboratoire régional d'entomologie agricole, Rouen.** Tarif et règlement, approuvés par la commission de surveillance. pp. 4. 8°. [Rouen], n. d.

**Frauenfeld**, Georg von. Beitrag zur insektengeschichte aus dem jahre 1861. pp. 8. 8°. [Wien, 1862.]

Aus den *Verhandlungen d. K. k. zoologisch-botanischen gesellschaft in Wien*, jahrg. 1862, pp. 1171-1178.

**Frauenfeld**, Georg von. Beitrag zur kenntniss der insekten-metamorphose aus dem jahre 1860. pp. 12. 1 pl. 8°. [Wien, 1861.]

Aus den *Verhandlungen d. K. k. zoologisch-botanischen gesellschaft in Wien*, jahrg. 1861, pp. 163-174.

**Frauenfeld**, Georg von. Beitrag zur metamorphosengeschichte aus dem jahre 1862. pp. 14. 8°. [Wien, 1863.]

Aus den *Verhandlungen d. K. k. zoologisch-botanischen gesellschaft in Wien*, jahrg. 1863, pp. 1224-1236.

**Frauenfeld**, Georg von. Eine für Oesterreich neue Trypeta. pp. 4. 8°. [Wien, 1861.]

Aus den *Verhandlungen d. K. k. zoologisch-botanischen gesellschaft in Wien*, jahrg. 1861, pp. 383-386.

**Harvey**, Francis LeRoy. Catalogue and bibliography of the Odonata (dragonflies) of Maine. pp. 16. 4°. Orono, Maine, 1902. (MAINE—*University*. Studies. no. 4.)

**India**—*Central provinces*—*Agriculture, Department of*. Bulletin. no. 6. 8°. Nagpur, 1902.

*Contents*:—no. 6. "Termes tabropanes;" white ants as a pest of trees.

**Jacob de Cordemoy**, Hubert. Les soies dans l'extrême orient et dans les colonies françaises; les vers à soie et leurs similaires. pp. 111. front. 4°. Paris, Augustin Challamel, 1902. (PRODUITS naturels des colonies et cultures tropicales.) 2—25382

**Kertész**, Colomann. Catalogus Dipteriorum hucusque descriptorum. v. 2. pp. 357. 8°. Lipsiæ, Guilelmus Engelmann, 1902. (MUSEUM NATIONALE HUNGARICUM. [Publication.] )

*Contents*:—Cecidomyiidae, Limnobiidae, Tipulidae, Cyndrotomidæ.

**Kessler**, Hermann Friedrich. Die lebensgeschichte der auf Ulmus campestris L. vorkommenden aphiden-arten und die entstehung der durch dieselben bewirkten missbildungen an den blättern. pp. 18. 1 pl. 4°. Cassel, 1878.

From *Programm der Höheren bürgerschule zu Cassel*, 1877/78, pp. 1-18.

**London**, *Entomological society of*. Supplementary catalogue of the library of the Entomological society of London, edited by G. C. Champion, assisted by W. F. H. Blandford and R. McLachlan. pp. 147. 8°. Lond., 1900.

**Macleay**, William Sharp. Horæ entomologicæ: or, Essays on the annulose animals. v. 1. pp. 160+524. pl. 8°. Lond., S. Bagster, 1819-21. Agr 2—181

No more published.

**Miall**, Louis Compton. Injurious and useful insects; an introduction to the study of economic entomology. pp. 256. il. 12°. Lond., George Bell & sons, 1902. (BELL's science series.) 2—26736

**Murcia** (*Spain*), *Estación sericícola de*. Experiencias realizadas durante la campaña sedera de 1902; cría de gusanos al sol. pp. 6. 24°. [Murcia], 1902. (SPAIN—*Agricultura, industria y comercio, Dirección general de*. [Publication.] )

**Natal**—*Agriculture, Department of*—*Government entomologist*. 2d réport, 1901. pp. 72. il. pl. 3. 8°. Pietermaritzburg, 1902.

**New York** (*state*)—*Entomologist*. 17th report on the injurious and other insects of the state of New York, 1901. pp. [227]. il. pl. 6. 8°. Albany, 1902. (NEW YORK (*state*)—*Museum*. Bulletin. no. 53.)

Bibliography of the Hessian fly, pp. 725-730.

**North shore** (*Long Island*) *improvement association*. Reports on plans for the extermination of mosquitoes on the north shore of Long Island between Hempstead Harbor and Cold Spring Harbor. pp. 124. il. map. 8°. N. Y., Styles & Cash, 1902.

Map in pocket.



**Paykull**, Gustaf von. *Monographia histeroidum*. pp. 112. 13 pl. 8°. Upsalæ, excudebant Stenhammer et Palmblad, 1811. Agr 3—200

**Rörig**, Georg Friedrich Carl. *Oscinis frit und pusilla; beitrage zur kenntnis der kleinen feinde der landwirthschaft*. pp. [37]. 4°. Halle, 1892.

Inaugural-dissertation . . . Halle-Wittenberg.

Verzeichniss der benutzten literatur, p. [34].

**Rudow**, Ferdinand. *Zur kenntniss der Psylloden Norddeutschlands*. pp. 14. 4°. Neustadt-Eberswalde, C. Müller, 1875.

From *12er jahresbericht über die Höhere bürgerschule zu Neustadt-Eberswalde*, pp. 1-14.

**Sander**, L. *Die wanderheuschrecken und ihre bekämpfung in unseren afrikanischen kolonien*. pp. 544. il. 6 maps. 8°. Berl., Dietrich Reimer (Ernst Vohsen), 1902. Agr 3—204

[**Schellenberg**, Johann Rudolf.] *Helvetische entomologie; oder, Verzeichniss der schweizerischen insekten nach einer neuen methode geordnet*. 2 v. 48 pl. 8°. Zürich, Orell, Füssli und compagnie, 1797-1806. Agr 3—205

Added title: "Entomologie helvétique; ou, Catalogue des insectes de la Suisse." Text in German and French.

The translation of the text into French was done by J. de Clairville.

**Scudder**, Samuel Hubbard, *compiler*. *Alphabetical index to North American Orthoptera described in the eighteenth and nineteenth centuries*. pp. 436. 8°. Boston, 1901. (BOSTON SOCIETY OF NATURAL HISTORY. Occasional papers. no. 6.)

**Scudder**, Samuel Hubbard. *Catalogue of the described Orthoptera of the United States and Canada*. pp. 101. pl. 3. 8°. n. p., 1900.

Reprinted from *Proceedings of the Davenport academy of natural sciences, Davenport, Iowa*, v. 8.

**Sherborn**, Charles Davies. *Index animalium; sive, Index nominum quæ ab A. D. 1758 generibus et speciebus animalium imposita sunt*. v. 1. pp. 1195. 8°. Cantabrigiæ, e typographio academico, 1902. Agr 3—69

Bibliography: pref. pp. 11-56.

*Contents*:—A kalendis Januariis 1758 usque ad finem Decembris, 1800.

**Stebbing**, E. P. *Departmental notes on insects that affect forestry*. no. 1. pp. 149. pl. 6. 4°. Calcutta, 1902.

**Sutherland**, Harvey. *Book of bugs*. pp. 223. il. 12°. N. Y. & Lond., Street & Smith, [1902]. 2—21997

**Wytsman**, P., *editor*. *Genera insectorum*. fasc. 5-8. pl. f°. Bruxelles, P. Wytsman, 1902.

*Contents*:—fasc. 5. *Lepidoptera rhopalocera*, fam. *Libytheidæ*; von A. Pagenstecher.—fasc. 6. *Lepidoptera rhopalocera*, fam. *Papilionidæ*, subfam. *Papilioninæ*, sect. *Troides* Hübner; by R. H. F. Rippon.—fasc. 7. *Coleoptera lamellicornia*, fam. *Geotrupidæ*, par A. Boucomont.—fasc. 8. *Coleoptera heteromera*, fam. *Hylophilidæ*, par Maurice Pic.

## 28. WORMS AND PARASITES.

**Augstein**, Otto. *Strongylus filaria* R. pp. 54. pl. 2. 8°. Berl., R. Stricker, 1894.

Inaugural-dissertation . . . Leipzig.

Bibliography, pp. 51-52.

Reprinted from *Archiv für naturgeschichte*, jahrg. 60, bd. 1, heft 3 (ausgegeben September, 1894), pp. 255-304, pl. 13-14.

**Bailliet**, C. *Recherches sur l'organisation et les fonctions de reproduction de quelques nématodes de la tribu des sclérostomiens*. pp. 47. 8°. [Toulouse, 1865.]

Reprinted from *Mémoires de l'Académie impériale des sciences, inscriptions et belles-lettres de Toulouse*, série 6, tome 3, pp. 247-293.

**Baltzer**, Carl. *Zur kenntniss der echinorhynchen*. pp. 40. pl. 2. 8°. Marburg, 1879.

Inaugural-dissertation . . . Marburg.

**Bartsch, Samuel.** Die räderthiere und ihre bei Tübingen beobachteten arten. pp. 61. 8°. Stuttg., Friedrich Schweizerbart, 1870.

Inaugural-dissertation . . . Tübingen.

**Bastian, H. Charleton.** On some nematoids found in the body of a boy who died from an epidemic disease (supposed to be trichiniasis) on board the Reformatory school ship "Cornwall." pp. [9]. 8°. London, 1880.

Leaves taken from *9th annual report of the Local government board, 1879-80; supplement containing the Report of the medic l officer for 1879*, pp. 68-77.

**Beneden, Édouard van.** Recherches sur le développement embryonnaire de quelques ténias. pp. 28. pl. 2. 8°. Paris, 1881.

Reprinted from *Archives de biologie*, v. 2, no. 2, pp. 183-210, pl. 12-13, 1881.

**Beneden, Édouard van.** Sur une nouvelle espèce de grégarine, désignée sous le nom de Gregarina gigantea. pp. 15. 1 pl. 8°. [Bruxelles, 1869.]

Reprinted from *Bulletin de l'Académie royale de Belgique*, v. 28, ser. 2, no. 11, pp. 444-456.

**Benoît, J.** Du dragonneau, ou filaire de Médine à l'occasion d'une nouvelle observation de cet helminthe chez l'homme. pp. 24. 1 pl. 8°. Montpellier, 1859.

Reprinted from *Montpellier médical* v. 2, no. 6, pp. 518-539, pl. 2.

**Bertram, Albert.** Beiträge zur kenntniss der Sarcosporidien, nebst einem anhang über parasitische schläuche in der leibeshöhle von rotatorien. pp. 26. pl. 3. 8°. Jena, Gustav Fischer, 1892.

Inaugural-dissertation . . . Rostock.

Bibliography, pp. 22-26.

Reprinted from *Zoologische jahrbücher, Abth. f. anatomie und ontogenie*, v. 5, pp. 581-604, pl. 38-40.

**Bettendorf, Heinrich.** Ueber muskulatur und sinneszellen der trematoden. pp. 54. pl. 5. 8°. Jena, Gustav Fischer, 1897.

Inaugural-dissertation . . . Rostock.

Bibliography, pp. 45-49.

**Beylot, J.** Traitement médical des hydatides de la ladrerie et du tournis. pp. 56. il. 8°. Lyon, 1865.

**Bleckmann, Felix.** Ueber primären echinococcus der pleura. pp. 43. 8°. Kiel, P. Peters, 1901.

Inaugural-dissertation . . . Kiel.

**Bömmel, Anton van.** Über cuticular-bildungen bei einigen nematoden. pp. [21]. 8°. Wiesbaden, C. W. Kriedel, 1894.

Inaugural-dissertation . . . Würzburg.

Bibliography.

Reprinted from *Arbeiten aus d. Zool.-zoot. institut Würzburg*, v. 10, pp. 191-212.

Plate is wanting.

**Bouley, Henri Marie, and Gibier, Paul.** De l'action des basses températures sur la vitalité des trichines contenues dans les viandes. pp. 4. 4°. [Paris, 1882.]

Reprinted from *Comptes rendus, Académie des sciences, Paris*, v. 94, pp. 1683-1686, séance du lundi, juin 26, 1882.

**Brandes, Gustav.** Die familie der Holostomeæ; ein prodromus zu einer monographie derselben. pp. 72. 8°. Reudnitz-Leipzig, Max Hoffmann, 1888.

Inaugural-dissertation . . . Leipzig.

Bibliography, pp. 69-72.

**Brandes, Gustav.** Zum feineren bau der trematoden. pp. 30. 8°. Halle a. S., Ehrhardt Karras, 1891.

Habilitationsschrift . . . Halle-Wittenberg.

**Brullé, Auguste.** Observations sur les ligules. pp. 19. 1 pl. 8°. [Dijon, 1861.]

Reprinted from *Mémoires des sciences, arts et belles-lettres de Dijon*, v. 9, pt. 2, pp. 1-14.

**Bugnion, Ed.** L'ankylostome duodénal et l'anémie du Saint-Gothard. pp. 62. [1] pl. 8°. Genève, Charles Schuchardt, 1881.

Reprinted from *Revue médicale de la Suisse romande*, v. 1, no. 5, pp. 269-289, pl. 5, May 15, 1881.

**Bülow, C.** Ueber theilungs- und regenerationsvorgänge bei würmern (*Lumbri- culus variegatus* Gr.). pp. 96. 8°. Erlangen, 1882.

Inaugural-dissertation . . . Rostock.

Verzeichniss der benutzten bücher, pp. 95-96.

Separatabdruck aus dem *Archiv f. Naturgesch.*, 49. jahrg., heft 1.

**Bundle, Albert.** Ciliate infusorien im coecum des pferdes. pp. 56. 8°. Berl., Berliner buchdruckerei aktien-gesellschaft, [1895].

Inaugural-dissertation . . . Berlin.

**Charvet, —** Note sur une espèce non décrite du genre dragonneau. pp. 7. 1 pl. 8°. [Grenoble, 1846.]

Reprinted from *Bulletin de la Société de statistique . . . de l'Isère*, 1. ser., v. 4, p. 75.

**Chatin, Joannes.** De l'étude et de la formation du kyste dans la trichinose tissulaire. pp. 22. 1 pl. 4°. Paris, Gauthier-Villars, 1884.

**Chatin, Joannes.** Recherches sur l'anguillule de l'oignon. pp. 56. pl. 2. 4°. Paris, Gauthier-Villars, 1884.

**Chatin, Joannes.** Recherches sur l'anguillule de la betterave (*Heterodera Schachtii*). pp. 52. pl. 9. 4°. Paris, Imprimerie nationale, 1891.

Reprinted from *Bulletin du Ministère de l'agriculture*, v. 10, no. 5, pp. 457-516, pl. 1-9, octobre 1891.

**Cobb, N. A.** Beiträge zur anatomie und ontogenie der nematoden. pp. 36. pl. 3. 8°. Jena, Gustav Fischer, 1888.

Inaugural-dissertation . . . Jena.

Reprinted from *Jenaische zeitschrift für naturwissenschaften*, bd. 23, pp. 41-76.

**Cohn, Ludwig.** Ueber die myxosporidien von *Esox lucius* und *Perca fluviatilis*. pp. 48. pl. 2. 8°. Königsberg, Hartung'sche buchdruckerei, 1895.

Inaugural-dissertation . . . Königsberg.

Bibliography, pp. 44-45.

**Colin, Gabriel Constans.** Recherches sur une maladie vermineuse du mouton due à la présence d'une linguatule dans les ganglions mésentériques. pp. 14. 8°. [Paris, 1861.]

Reprinted from *Bulletin de la Société impériale et centrale de médecine vétérinaire*, [1861, pp. 676-688].

**Collin, Heinrich Anton.** *Criodrilus lacuum* Hoffm., ein beitrage zur kenntniss der Oligochaeten. pp. 41. 8°. Berl., Otto Francke, 1888.

Inaugural-dissertation . . . Berlin.

Litteraturverzeichnis, pp. [3]-4.

**Creutzberg, Nicolaus.** Untersuchungen über den bau und die entwicklung von *Distomum caudatum*, Vulpian. pp. 32. 8°. Reudnitz-Leipzig, 1890.

Inaugural-dissertation . . . Leipzig.

**Davaine, Casimir Joseph.** Les cestoïdes. pp. [48]. 8°. Paris, [1873].

Reprinted from *Dictionnaire encyclopédique des sciences médicales*, v. 14, pp. 547-593, 1873.

**Davaine, Casimir Joseph.** Cystiques. pp. [10]. 8°. Paris, G. Masson, [1880].

Reprinted from *Dictionnaire encyclopédique des sciences médicales*, v. 24, ser. 1, pp. 600-609, 1880.

**Davaine, Casimir Joseph.** Recherches expérimentales sur la vitalité des Anguillules du blé niellé à l'état de larve et à l'état adulte. pp. 5. 4°. [Paris, 1856.]

Reprinted from *Comptes rendus, Académie des sciences*, Paris, v. 43, pp. 148-152, séance du lundi 21 juillet 1856.

**Davaine, Casimir Joseph.** Recherches physiologiques sur la maladie du blé connue sous le nom de niellé, et sur les helminthes qui occasionnent cette maladie. pp. 4. 4°. [Paris, 1855.]

Reprinted from *Comptes rendus, Académie des sciences*, Paris, v. 41, pp. 435-438, séance du lundi, 10 septembre 1855.

**Davaine, Casimir Joseph.** Recherches sur l'anguillule du blé niellé considérée au point de vue de l'histoire naturelle et de l'agriculture. pp. 80. pl. 3. 4°. Paris, J.-B. Baillière, 1857.

**Davaine, Casimir Joseph.** Traité des entozoaires et des maladies vermineuses de l'homme et des animaux domestiques. pp. 338. il. 8°. Paris, 1860.



**Demarest, A. G., and Le Sueur, —.** Extrait d'un mémoire sur le Botrylle étoilé (*Botryllus stellatus*) Pall. pp. 8. 1 pl. 4°. [Paris, 1815.]

Reprinted from *Bulletin des sciences par la Société philomatique de Paris*, année 1815, pp. 74-78, pl. 1.

**Diesing, Carl Moritz.** Neue gattungen von binnenwürmern, nebst einem nachtrage zur monographie der Amphistomen. pp. [21]. pl. [7]. 4°. [Wien, 1839.]

Reprinted from *Annalen des Wiener museums der naturgeschichte*, bd. 2, heft 2 (februar 1839), pp. 219-242, pl. 14-20, Wien, 1840.

**Diesing, Carl Moritz.** Revision der cercarien. pp. 26. 8°. [Wien, 1855.]

Reprinted from *Sitzungsberichte der math.-nat. classe der Kaiserlichen akademie der wissenschaften*, v. 15, jahrgang 1855, pp. 377-400, Wien, 1855.

**Donnadieu, A. L.** Contribution à l'histoire de la ligule. pp. 100. pl. [7]. 8°. Paris, [1877].

Reprinted from *Journal de l'anatomie et de la physiologie*, etc., v. 13, no: 4, pp. 321-370, pl. 14-20, juillet et août 1877.

**Donnadieu, A. L.** Études sur les ligules. pp. 7. 8°. [Lyon, 1877.]

Reprinted from *Lyon médical*, v. 24, no. 16, Apr. 22, 1877, pp. 563-567.

**Drasche, Richard von.** Zur charakteristik der nematoden-gattung Peritrachelius Diesing. pp. 10. 1 pl. 8°. Wien, W. Braumüller, 1881.

Reprinted from *Verhandlungen der K. k. zoologisch-botanischen gesellschaft in Wien*, v. 31, jahrgang 1881, pp. 187-194, pl. 12.

**Duchamp, G.** Recherches anatomiques et physiologiques sur les ligules: L. simplicissima, Rudolphi; L. monogramma, Creplin. pp. 60. pl. 2. 8°. Paris, J.-B. Baillièrre et fils, 1876.

Contains appendix: Mémoire sur le développement du Dibothrium latum, by Dr. Bertolus.

**Eberlein, Richard.** Über die im wiederkäuermagen vorkommenden ciliaten infusorien. pp. 69. 8°. Berl., E. Ebering, [1894].

Inaugural-dissertation . . . Berlin.

Bibliography, pp. 68-69.

**Ehlers, Hermann.** Zur kenntniss der anatomie und biologie von Oxyuris curvula Rud. pp. 26. pl. 2. 8°. Marburg, 1899.

Inaugural-dissertation . . . Marburg.

Reprinted from *Archiv für naturgeschichte*, jahrg. 65, bd. 1, heft 1, (ausgegeben April 1899), pp. 1-26, pl. 1-2, Berl., 1899.

**Ehrenberg, Christian Gottfried.** Organisation, systematik und geographisches verhältniss der infusionsthierchen. pp. 108. pl. 8. 4°. Berl., 1830.

**Ercolani, Gian Battista.** Sulla ovulazione dei distomi epatico e lanceolato delle pecore e dei buoi. pp. 11. 8°. Bologna, 1881.

Reprinted from *Rendiconto dell' Accademia delle scienze dell' Istituto di Bologna*, anno accademico 1880-1881, pp. 123-130.

**Eschricht, Daniel Fredrik.** Inquiries, experimental and philosophical, concerning the origin of intestinal worms. pp. 44. [1] pl. 8°. Edinb., 1841.

Reprinted from *Edinburgh new philosophical journal*, v. 31, pp. 314-356, pl. 8, Edinburgh, 1841.

**Eschricht, Daniel Fredrik.** Om de hydatiders natur og oprindelse der fremkalde den i Island endemiske leversyge. pp. 28. il. 8°. n. p., [1853].

Reprinted from *Oversigt over det Kgl. danske videnskabernes selskabs forhandlinger, og dets medlemers arbejder i aaret 1853*, no. 7, pp. 211-238 (Nov. 18).

**Filippi, Ph. de.** Deuxième mémoire pour servir à l'histoire génétique des trématodes. pp. 26. pl. 2. 4°. Turin, 1855.

Reprinted from *Memorie della Reale accademia delle scienze di Torino*, ser. 2, v. 16, pp. 419-442, pl. 1-2, 1857.

**Filippi, Ph. de.** Mémoire pour servir à l'histoire génétique des trématodes. pp. 30. pl. 2. 4°. Turin, Imprimerie royale, 1854.

Reprinted from *Mémoires de l'Académie des sciences de Turin*, ser. 2, v. 15 (read May 28, 1854), pp. 331-358, pl. 2, Turin, 1855.

**Filippi**, Ph. de. Troisième mémoire pour servir à l'histoire génétique des trématodes. pp. 34. pl. 3. 4°. [Turin, 1857.]

Reprinted from *Mémoires de l'Académie des sciences de Turin*, ser. 2, v. 18, pp. 201-232, pl. 1-3, 1859.

**Fischer**, Carl Reinhold Wilhelm. Anatomisch-histologische untersuchung von "Capitella capitata;" beitrage zur kenntniss der fauna der Kieler bucht. pp. 28. pl. 2. 8°. Marburg, 1884.

Inaugural-dissertation . . . Marburg.

**Fischer**, Paul Moritz. Über den bau von Opisthotrema cochleare, nov. genus, nov. spec.; ein beitrage zur kenntnis der trematoden. pp. 48. 1 pl. 8°. Leipz., 1883.

Inaugural-dissertation . . . Leipzig.

Reprinted from *Zeitschrift für wissenschaftliche zoologie*, v. 40, no. 1, pp. 1-41, pl. 1.

**Fourment**, L. Filaire observée chez un lemurien. pp. 3. 8°. [Paris, 1883.]

Reprinted from *Comptes rendus, Société de biologie*, Paris, ser. 7, v. 5, pp. 297-298, 1883.

**Fourment**, L. Note sur un nématode nouveau, parasite du merlan. pp. 8. [1] pl. 8°. [Paris, 1884.]

Reprinted from *Annales des sciences naturelles, zoologie*, ser. 6, v. 17, art. no. 5, pl. 16, 1884.

**Fourment**, L. Sur la vitalité des trichines enkystées dans les viandes salées. pp. 3. 4°. [Paris, 1882.]

Reprinted from *Comptes rendus, Académie des sciences*, Paris, v. 94, séance du lundi 24 avril 1882, pp. 1211-1213.

**Fourment**, L. Sur les filaments ovulaires chez les nématodes. pp. 4. 80. [Paris, 1883.]

Reprinted from *Comptes rendus, Société de biologie*, ser. 7, v. 5, séance du 10 novembre 1883, pp. 575-578.

**Frauenfeld**, Georg von. Das vorkommen des parasitismus im thier- und pflanzenreiche. pp. 32. 8°. Wien, Selbstverlage des herausgebers, 1864.

**Fricke**, —. Hydatides dans les os du bassin. pp. [7]. 4°. [Paris], 1838.

From *L'expérience; journal de médecine et de chirurgie*, v. 1, no. 34, pp. 529-535, 20 avril 1838.

**Friedländer**, Adolph Nathan Carl Benedict. Beiträge zur kenntniss des centralnervensystems von Lumbricus. pp. [58]. 8°. Berl., Gustav Schade, [1888].

Literaturnachweis, p. [57].

**Fuhrmann**, Otto. Die Turbellarien der umgebung von Basel. pp. [76]. pl. [2]. 8°. Genève, Imprimerie Aubert-Schuchardt, 1894.

Inaugural-dissertation . . . Basel.

Litteraturverzeichnis, pp. 228-290.

Extrait de la *Revue suisse de zoologie*, v. 2, 1894, pp. 215-290.

**Gast**, Reinhard. Beiträge zur kenntnis von Apsilus vorax (Leidy). pp. 50. pl. 2. 8°. Leipz., Wilhelm Engelmann, 1900.

Inaugural-dissertation . . . Leipzig.

Litteratur, pp. 47-48.

Separat-abdruck aus *Zeitschrift für wissenschaft. zoologie*, v. 67, no. 2.

**Geisse**, Albert. Zur frage der trichinenwanderung. pp. 18. 8°. Kiel, L. Handorff, 1894.

Inaugural-dissertation . . . Kiel.

**Göhlich**, Gustav. Ueber die genital- und segmentalorgane von Lumbricus terrestris. pp. [37]. 8°. Breslau, 1888.

Inaugural-dissertation . . . Breslau.

Angabe der litteratur, p. 166.

Reprint from *Schneider, Zoologische beiträge*, II, 2, pp. [133-169].

**Goldbeck**, Paul. Die nematoden in den respirationsorganen und dem schlunde des schafes. pp. 38. pl. 10. 8°. Mülhausen i. E., Wenz & Peters, 1894.

Inaugural-dissertation . . . Basel.

Bibliography, pp. 37-38.

**Goto, Seitaro.** Notes on some exotic species of ectoparasitic trematodes. pp. [32]. pl. [2]. 4°. Tokyo, 1899.

Reprinted from *Journal of the College of science, Imperial university of Japan*, v. 12, pt. 4, pp. 263-295, pl. 20-21, Tokyo, 1899.

**Graff, Ludwig.** Zur anatomie der Rhabdocölen. pp. 19. 8°. Strassburg, Fr. Wolff, 1873.

Uebersicht der citirten schriften, pref. pp. 5-6.

Inaugural-dissertation . . . Strassburg.

**Graham, John Y.** Beiträge zur naturgeschichte der *Trichina spiralis*. pp. [54]. 8°. Bonn, [1897].

Inaugural-dissertation . . . München.

Bibliography, pp. 271-273.

Reprinted from *Archiv für mikroskop. anatomie und entwicklungsgeschichte*, v. 50, [no. 2], pp. 219-275, pl. 14, 15, 16, 1897.

Plates do not accompany reprint.

**Günther, Adolf.** Untersuchungen über die im magen unserer hauswiederkäuer vorkommenden wimperinfusorien. pp. 42. 8°. Marburg, R. Friedrich, 1899.

Inaugural-dissertation . . . Marburg.

**Haase, Hermann.** Über regenerationsvorgänge bei *Tubifex rivulorum* Lam., mit besonderer berücksichtigung des darmkanals und nervensystems. pp. 46. il. 8°. Marburg, 1898.

Inaugural-dissertation . . . Marburg.

Litteraturverzeichnis, pp. 45-46.

Separat-abdruck aus *Zeitschrift für wissenschaft. zoologie*, v. 65, no. 2.

**Hallez, Paul.** Anatomie de l'*Atractis dactylura* (Duj.). pp. 20. 1 pl. 4°. Paris, 1887.

Reprinted from *Mémoires de la Société des sciences de Lille*, ser. 4, tome 15, 1886.

**Hallez, Paul.** Sur le développement des nématodes. pp. 4. 4°. [Paris, 1885.]

Reprinted from *Comptes rendus, Académie des sciences*, v. 101, no. 2, pp. 170-172.

**Hausmann, Leopold.** Ueber trematoden der süßwasserfische. pp. 42. 1 pl. 8°. Genève, Rey & Malavallon, 1897.

Inaugural-dissertation . . . Basel.

Bibliography, pp. 41-42.

Reprinted from *Revue suisse de zoologie*, v. 5, 1897-1898, pp. 1-42.

**Hepke, Paul.** Über histo- und organogenetische vorgänge bei den regenerationsprocessen der Naiden. pp. 34. pl. 2. 8°. Leipz., Wilhelm Engelmann, 1897.

Inaugural-dissertation . . . Rostock.

Litteraturverzeichnis, pp. 32-33.

Separat-abdruck aus *Zeitschrift für wissenschaft. zoologie*, v. 63, no. 2.

**Hering, Ewald.** Zur anatomie und physiologie der generationsorgane des regenwurms. pp. 27. pl. 1. 8°. Leipz., Wilhelm Engelmann, 1856.

Separat-abdruck aus *Zeitschrift für wissenschaft. zoologie*, v. 8.

**Hescheler, Karl.** Ueber regenerationsvorgänge bei Lumbriciden. pt. 2. pp. 86. pl. 6. 8°. Jena, Gustav Fischer, 1898.

Citierte litteratur, pp. 78-81.

**Hesse, Richard.** Über das nervensystem von *Ascaris megalocephala*. pp. 23. pl. 2. 8°. Halle a. S., 1892.

Inaugural-dissertation . . . Halle-Wittenberg.

Reprinted from *Zeitschrift für wissenschaft. zoologie*, v. 54, no. 3, pp. 548-568, pl. 23-24.

**Hintze, Robert.** Lebensweise und entwicklung von *Lankesterella minima* (Chaussat). pp. 46. 8°. Berl., Otto Francke, [1901].

Inaugural-dissertation . . . Berlin.

Bibliography, pp. 45-46.

**Holzberg, Friedrich.** Der geschlechtsapparat einiger tänien aus der gruppe *Davainea* Bl. pp. 41. pl. 2. 8°. Jena, Gustav Fischer, 1898.

Inaugural-dissertation . . . Leipzig.



**Iijima, Isao.** Untersuchungen über den bau und die entwicklungsgeschichte der süßwasser-dendrocoelen (Tricladen). pp. 108. il. pl. 4. 8°. Leipz., Wilhelm Engelmann, 1884.

Inaugural-dissertation . . . Leipzig.

Litteraturverzeichnis, pp. 100-103.

Separat-abdruck aus *Zeitschrift für wissensch. zoologie*, v. 40.

**Illinois state laboratory of natural history.** Bulletin, Feb., 1901. v. 5, no. 12. pp. [68]. 8°. Urbana, 1901.

Contents:—Moore, J. P. Hirudinea of Illinois.

**Jacob, Friedrich.** Ein fall von echinococcus multilocularis. pp. 28. 8°. Halle a. S., Wischan & Wettengel, 1896.

Inaugural-dissertation . . . Halle-Wittenberg.

**Jacobi, Christian Albert Richard.** Anatomisch-histologische untersuchung der Polydoren der Kieler bucht. pp. 35. 8°. Weissenfels, Leopold Kell, 1883.

Inaugural-dissertation . . . Kiel.

Litteratur, p. 32.

**Jacoby, Severin.** Beiträge zur kenntnis einiger distomen. pp. 30. 1 pl. 8°. Labiau, Otto Grisard, 1899.

Inaugural-dissertation . . . Königsberg i. Pr.

Bibliography, pp. 25-28.

Reprinted from *Archiv für naturgeschichte*, jahrg. 66, bd. 1, heft 1 (ausgegeben December 1899), pp. 1-30, pl. 1-2, Berl., 1900.

**Jameson, Henry Lyster.** Contributions to the anatomy and histology of *Thalassema neptuni* Gaertner. pp. 34. il. pl. 3. 8°. Jena, Gustav Fischer, 1899.

Inaugural-dissertation . . . Heidelberg.

Literature, pp. 28-29.

**Jander, Richard.** Die epithelverhältnisse des tricladenpharynx. pp. 50. pl. 3. 8°. Jena, Gustav Fischer, 1896.

Inaugural-dissertation . . . Rostock.

Literaturverzeichniss, pp. 45-46.

**Jänichen, Erich.** Beiträge zur kenntnis des turbellarienauges. pp. 41. il. pl. 2. 8°. Leipz., Wilhelm Engelmann, 1896.

Inaugural-dissertation . . . Heidelberg.

Litteraturverzeichnis, pp. 37-39.

Separat-abdruck aus *Zeitschrift für wissensch. zoologie*, v. 62, heft 2.

**Janson, Franz Otto Ferdinand.** Versuch einer übersicht über die rotatorienfamilie der Philodinae. pp. 85. pl. 5. 8°. Marburg, Oscar Ehrhardt, 1893.

Inaugural-dissertation . . . Marburg.

Verzeichnis der seit dem jahre 1888 erschienenen abhandlungen über die Rotatorien, pp. 80-85.

**Jelden, Hajo.** Ueber taenienmisbildungen. pp. 11. 8°. Kiel, P. Peters, 1900.

Inaugural-dissertation . . . Kiel.

**Jelkmann, Friedrich.** Über den feineren bau von *Strongylus pulmonalis* apri Ebel. pp. 31. pl. 2. 8°. Leipz., Gustav Fock, 1895.

Inaugural-dissertation . . . Basel

Bibliography.

**Jöst, Ernst.** Die transplantation bei Lumbriciden. pp. 147. 8°. Marburg, 1897.

Inaugural-dissertation . . . Marburg.

Agr 2-56

Litteraturverzeichniss pp. 141-145.

From *Archiv für entwicklungsmechanik*, v. 5, no. 3.

**Jourdan, E.** Note sur l'anatomie du *Distomum clavatum* Rud. pp. 12. pl. [2]. 8°. [Montpellier, Boehm, 1881.]

Reprinted from *Revue des sciences naturelles*, series 2, March, 1881.

**Kampmann, Karl.** Ueber das vorkommen von klappenapparaten in den excretionsorganen der trematoden. pp. 20. pl. 2. Genf, 1894.

Dissertation . . . Basel.

Reprinted from *Revue suisse de zoologie*, bd. 2, 1894, pp. 443-462, pl. 19-20, Genf, 1894.

**Kemp**, Henricus. De loco et ambitu vermium classis in systemate. pp. 37. 8°. Bonnæ, Formis Carthausianis, [1864].

**Knoch**, Karl. Topographie des excretions-apparates und nervensystems von *Distomum lanceolatum*. pp. 18. il. 8°. Würzburg, Kohl und Hecker, 1894.  
Inaugural-dissertation . . . Würzburg.  
Bibliography.

**Köhler**, Edmund. Die klappenapparat in den exkretionsgefäßen der tänien. pp. 19. pl. 2. 8°. Leipz., Wilh. Engelmann, 1894.  
Inaugural-dissertation . . . Rostock.  
Bibliography, pp. 17-18.  
Reprinted from *Zeitschrift für wiss. zöologie*, v. 57, no. 3, pp. 385-401, pl. 17-18, 1894.

**Köhler**, Ferdinand. Der heupilz (*Bacillus subtilis*) in seinem verhalten nach mehrfachen umzüchtungen in fleischextractlösungen und im kaninchenblut zum thierischen organismus. pp. 24. 8°. Göttingen, W. F. Kaestner, 1881.  
Inaugural-dissertation . . . Göttingen.

**Köhler**, R. Documents pour servir à l'histoire des échinorhynques. pp. [47]. pl. [2]. 8°. Paris, [1887].  
Bibliography, pp. 656-657.  
Reprinted from *Journal de l'anatomie et de la physiologie*, v. 23, no. 6, Nov.-Dec., 1887, pp. 612-659, pl. 28-29.

**Kolenati**, Friedrich A. Die parasiten der Chiroptern. pp. 51. 8°. Brünn, Rudolf Rohrsers erbe, 1856.

**Kossmann**, Robby. Suctoria und Lepadidae; untersuchungen über die durch parasitismus hervorgerufenen umbildungen in der familie der Pedunculata. pp. 32. pl. 2. 8°. Würzburg, Stahelsche buch- und kunsthandlung, 1873.  
Habilitationsschrift . . . Heidelberg.  
Reprinted from *Verhandlungen der physikal.-medizin. gesellschaft in Würzburg*, neue folge, v. 5, no. 23, p. 129-157, pl. 1-2, 1873.

**Krämer**, Adolph. Beiträge zur anatomie und histologie der cestoden der süßwasserfische. pp. 80. pl. 2. 8°. Leipz., Wilhelm Engelmann, 1892.  
Dissertation . . . Basil.  
Bibliography, pp. 77-78.  
Reprinted from *Zeitschrift für wissensch. zöologie*, v. 53, no. 4, pp. 647-722, pl. 27-28.

**Leidy**, Joseph. Synopsis of entozoa and some of their ecto-congeners, observed by the author. pp. [16]. 8°. Phila., Merrihew and Thompson, 1856.  
Reprinted from *Proceedings of the Academy of natural sciences, Philadelphia*, v. 8, February, 1856, pp. 42-58, Phila., 1857.

**Leuckart**, Rudolf. Bau und entwicklungs-geschichte der pentastomen. pp. 160. pl. 6. 4°. Leipz., C. F. Winter, 1860.

**Leuckart**, Rudolf. De statu et embryonali et larvali echinorhynchorum eorumque metamorphosi. pp. 43. 4°. Lipsiæ, [1873].  
Inaugural-dissertation . . . Leipzig.

**Leuckart**, Rudolf. Der geschlechtsreife zustand der *Trichina spiralis*. pp. [6]. 12°. [Leipz., 1860.]  
Reprinted from *Zeitschrift für rationelle medicin*, ser. 3, band 8, heft 3, pp. 259-262; pp. 334-335, Leipz., 1860.

**Leuckart**, Rudolf. Untersuchungen über *Trichina spiralis*. pp. 57. pl. 2. 4°. Leipz., C. F. Winter, 1860.

**Leuckart**, Rudolf. Zur entwicklungsgeschichte des leberegels (*Distomum hepaticum*). pp. [39]. 1 pl. 8°. [Berl., 1882.]  
Reprinted from *Archiv für naturgeschichte*, jahrg. 48, bd. 1, heft 1, pp. 80-119, pl. 8, Berl., 1882.

**Leusmann**, Karl. Ueber den echinokokkus der willkürlichen muskeln. pp. 51. 8°. Göttingen, W. Fr. Kästner, 1898.  
Inaugural-dissertation . . . Göttingen.

**Lieberkuhn**, Nathanael. Évolution des grégaires. pp. 46. pl. 11. 4°. [Bruxelles, 1854.]

Reprinted from *Mémoires couronnés et mémoires des savants étrangers, Académie royale de Belgique*, v. 26, pp. 1-45, pl. 1-11, 1855.

**Linstow**, Otto von. Zur anatomie und entwicklungsgeschichte von *Nematostomus ornatus* Duj. pp. [17]. 1 pl. 8°. [Jena, 1889.]

Reprinted from *Jenaische zeitschrift*, v. 23, no. 4, pp. 549-566, pl. 27, 1889.

**List**, Theodor. Beiträge zur entwicklungsgeschichte der nematoden. pp. 32. 8°. Jena, Hermann Pohle, 1894.

Inaugural-dissertation . . . Jena.

Bibliography, pp. 31-32.

**Looss**, Arthur. Beiträge zur kenntnis der trematoden. pp. 59. 1 pl. 8°. Leipz., Wilh. Engelmann, 1885.

Inaugural-dissertation . . . Leipzig.

Reprinted from *Archiv für wissenschaftliche zoologie*, v. 41, heft 3 (ausgegeben 17. März 1885), pp. 390-446, pl. 23, Leipz., 1885.

**Lühe**, Max. Zur morphologie des taenienscolex. pp. 133. 8°. Königsberg i. Pr., M. Liedtke, 1894.

Inaugural-dissertation . . . Königsberg i. Pr.

Bibliography, pp. 1-7.

**Lungwitz**, Johann Max. Taenia ovilla Rivolta, ihr anatomischer bau und die entwicklung ihrer geschlechtsorgane. pp. 55. pl. 2. 8°. Berlin, L. Schumacher, 1895.

Inaugural-dissertation . . . Leipzig.

Reprinted from *Archiv für wissenschaftliche und praktische thierheilkunde*, v. 21, no. 2/3, pp. 105-159, pl. 2-3, 1895.

**Macé**, Eugène. Recherches anatomiques sur la grande douve du foie (*Distoma hepaticum*). pp. 91. pl. 3. 8°. Paris, 1882.

**McKim**, W. Duncan. Über den nephridialen trichterapparat von hirudo. pp. 22. pl. 2. 8°. Leipz., Wilh. Engelmann, 1895.

Inaugural-dissertation . . . Leipzig.

Bibliography, pp. 20-21.

Reprinted from *Zeitschrift für wissenschaftliche zoologie*, v. 59, pp. 147-166, pl. 10.

**Man**, J. G. de. Espèces et genres nouveaux de nématodes libres de la mer du Nord et de la Manche. pp. 10. 8°. Paris, 1889.

Reprinted from *Mémoires de la Société zoologique de France*, v. 2, pp. 1-10, 1889.

**Man**, J. G. de. Helminthologische beiträge. pp. 25. pl. 3. [Leiden], 1885.

Reprinted from *Tijdschrift der Nederlandsche dierkundige vereeniging*, ser. 2, deel 1, afl. 1, pp. 1-25, pl. 1-3, 1885.

**Man**, J. G. de. Onderzoekingen over vrij in de aarde levende nematoden. pp. 119. pl. [11]. 8°. [s Gravenhage, Martinus Nijhoff, 1876.]

Reprinted from *Tijdschrift der Nederlandsche dierkundige vereeniging*, v. 2, pp. 78-196, pl. 3-13, 1876.

**Mecznikow**, Elias. Entgegnung auf die erwidern des Herrn Prof. Leuckart in Giessen in betreff der frage über die nematodenentwicklung. pp. 23. 8°. Göttingen, Adalbert Rente, 1866.

**Mégnin**, P. Recherches sur l'organisation et le développement des échinorhynques. pp. 21. [1] pl. 8°. Paris, 1882.

Reprinted from *Bulletin de la Société zoologique de France pour l'année 1882*, v. 7, pp. 326-346, pl. 6, 1882.

**Mégnin**, P. Sur de petits helminthes agames enkystés qui peuvent être confondus et qui l'ont été avec la *Trichina spiralis* Owen. pp. 10. 1 pl. 8°. Paris, 1881.

Reprinted from *Bulletin de la Société zoologique de France*, v. 6 (séance du 28 juin, 1881), pp. 189-198, pl. 6-8.



**Mendthal, Martin.** Untersuchungen über die mollusken und anneliden des Frischen Haffs. pp. 16. 4°. Königsberg in Pr., R. Leupold, 1889. Agr 2—57  
 Plates wanting.  
 Citierte literatur, p. 16.  
 Inaugural-dissertation . . . Königsberg in Pr.

**Meyer, Oscar.** Celluläre untersuchungen an nematoden-eiern. pp. 20. 2 pl. 8°. Jena, 1895.  
 Inaugural-dissertation . . . Würzburg.

**Meyner, Richard.** Anatomie und histologie zweier neuer taenien, arten des subgenus Bertia . . . ein beitrage zur kenntniss der cestoden. pp. 105. pl. 2. 8°. Halle a. S., Gebauer-Schwetschke'sche buchdruckerei, 1895.  
 Inaugural-dissertation . . . Leipzig.  
 Bibliography, pp. 104-105.  
 Reprinted from *Zeitschrift für naturwissenschaften*, v. 68.

**Minot, Charles Sedgwick.** On the classification of some of the lower worms. pp. 9. 8°. [Boston, 1876.]  
 Reprinted from *Proceedings of the Boston society of natural history*, v. 9, pp. 17-25.

**Molin, Raffaele.** Cephalocotylea e nematoidea. pp. 34. 1 pl. 8°. Wien, 1859.  
 Reprinted from *Sitzungsberichte der math.-nat. classe der Kaiserlichen akademie der wissenschaften*, v. 38, jahrg. 1859, pp. 7-32, pl. [1], Wien, 1860.

**Molin, Raffaele.** Una monografia del genere Dispharagus e una monografia del genere Histiocephalus. pp. 40. 8°. Wien, Karl Gerold's sohn, 1860.  
 Reprinted from *Sitzungsberichte der Kaiserlichen akademie der wissenschaften, math.-nat. klasse*, v. 39, jahrg. 1860, pp. 479-516, 1860.

**Molin, Raffaele.** Una monografia del genere Physaloptera. pp. 38. 8°. Wien, 1860.  
 Reprinted from *Sitzungsberichte der math.-nat. classe der Kaiserlichen akademie der wissenschaften*, v. 39, jahrg. 1860, pp. 637-672, Wien, 1860.

**Molin, Raffaele.** Una monografia del genere Spiroptera. pp. 97. 8°. Wien, Karl Gerold's sohn, 1860.  
 Reprinted from *Sitzungsberichte der math.-nat. classe der Kaiserlichen akademie der wissenschaften*, v. 38, jahrg. 1859, pp. 911-1005, Wien, 1860.

**Molin, Raffaele.** Nuovi myzelmintha. pp. 39. pl. 3. 8°. Wien, Karl Gerold's sohn, 1859.  
 Reprinted from *Sitzungsberichte der math.-nat. classe der Kaiserlichen akademie der wissenschaften*, v. 37. jahrg. 1859, pp. 818-849, pl. 1-3. Wien, 1859.

**Molin, Raffaele.** Sopra un verme intestinale del retto d' una ranocchia. pp. 8. 1 pl. 8°. [Venezia, 1859.]  
 Reprinted from *Atti dell' R. istituto veneto di scienze, lettere ed arti*, ser. 3, v. 5, pp. 27-32, pl. 1 (dal nov. 1859 all' ottobre 1860).

**Molin, Raffaele.** Sulla metamorfosi regressiva di alcuni vermi rotondi. pp. 13. 1 pl. 8°. Wien, 1860.  
 Reprinted from *Sitzungsberichte der math.-nat. classe der Kaiserlichen akademie der wissenschaften*, v. 38, jahrg. 1859, pp. 706-716.

**Moniez, Romain Louis.** Recherches sur le genre Hedruris à propos d' une espèce nouvelle, Hedruris orestæ. pp. 25. [1] pl. 8°. Lille, 1889.  
 Reprinted from *Revue biologique du nord de la France*, v. 1, no. 10, 1<sup>er</sup> juillet 1889, pp. 361-385, pl. 7.

**Montgomery, T. H.** Stichostemma eilhardi nov. gen. nov. spec.; ein beitrage zur kenntniss der nemertinen. pp. 75. 12°. Beil, Gustav Schade, [1894].  
 Inaugural-dissertation . . . Berlin.  
 Bibliography, pp. 72-75.

**Moulinié, Jean J.** De la reproduction chez les trématodes endo-parasites. pp. 278. pl. [7]. 4°. Genève, 1856.  
 Reprinted from *Mémoires de l' Institut genevois*, v. 3, année 1855, pp. [5]-278, pl. 4-9, Genève, 1856.

**Müller, Karl.** Neue helminthoecidien und deren erzeuger. pp. 48. 8°. Berl., 1883.

Inaugural-dissertation . . . Berlin.

**Nedkoff, Paul.** Über die metamorphose des geschlechtsapparates bei *Ascaris nigrovenosa*. pp. 37. 1 pl. 8°. Leipzig-R., Oswald Schmidt, 1897.

Inaugural-dissertation . . . Leipzig.

Bibliography.

**Offenheim, Ernst von.** Über eine neue distomidengattung. pp. 42. il. 1 pl. 8°. Leipz., Ehrhardt Karras, 1900.

Inaugural-dissertation . . . Leipzig.

**Otto, Richard.** Beiträge zur anatomie und histologie der amphistomeen. pp. 78. il. 8°. Leipz., J. B. Hirschfeld, 1896.

Inaugural-dissertation . . . Leipzig.

**Owen, Richard.** Description of a microscopic entozoon infesting the muscles of the human body. pp. [11]. [1] pl. 4°. [Lond., 1835].

Reprinted from *Transactions of Zoological society, London*, v. 1, pp. 315-324, figs. 1-9, pl. 41, 1835.

**Owen, Richard.** Description of a new species of tape-worm, *Tænia lamelligera*, Owen. pp. [2]. [1] pl. 4°. [Lond., 1835].

Reprinted from *Transactions Zoological society, London*, v. 1, pp. 385-386, figs. 21-23, pl. 41, 1835.

**Owen, Richard.** On the anatomy of *Distoma clavatum* Rud. pp. [4]. [1] pl. 4°. [Lond., 1835].

Reprinted from *Transactions Zoological society, London*, v. 1, pp. 381-384, figs. 17-20, pl. 41, 1835.

**Owen, Richard.** On the anatomy of *Linguatula tænioides* Cuv. pp. [6]. [1] pl. 4°. [Lond., 1835].

Reprinted from *Transactions of Zoological society, London*, v. 1, pp. 325-330, figs. 10-16, pl. 41, 1835.

**Owen, Richard.** Remarks on the entozoa and on the structural differences that exist among them, including suggestions for their distribution into other classes. pp. [8]. 4°. [Lond., 1835.]

Reprinted from *Transactions Zoological society, London*, v. 1, pp. 387-394, 1835.

**Pauli, Friedrich.** Generatio, mit besonderer berücksichtigung des grundsatzes "omne vivo ex ovo" und der forschungen über das leben der parasiten. pp. 32. 12°. Berl., Gustav Schade, 1868.

Promotions-schrift . . . Rostock.

**Pennetier, G.** Trichines et trichinose, ou de l'empoisonnement de la viande de porc. pp. 26. 1 pl. 8°. Rouen, H. Boissel, 1865.

**Perez, J.** Recherches sur l'anguillule terrestre. pp. 156. pl. [6]. 4°. Paris, Victor Masson et fils, 1866.

**Perrier, Edmond.** Recherches sur l'organisation d'un nématoïde nouveau du genre Hedruris. pp. 64. pl. 2. 4°. Paris, 1871.

Reprinted from *Nouvelles archives du Muséum d'histoire naturelle de Paris*, v. 7, pp. 5-64, pl. 1-2, 1871.

**Plate, Ludwig Hermann.** Beiträge zur naturgeschichte der rotatorien. pp. 36. 8°. Jena, 1885.

Inaugural-dissertation . . . Jena.

**Pöppel, Ernst.** Untersuchungen über den bau des *Strongylus armatus*, S. sclerostomum equinum (auctorum). pp. 57. pl. 2. 8°. Leipz., F. M. Geidel, 1897.

Inaugural-dissertation . . . Leipzig.

Bibliography, pp. 53-56.

**Power, W. H.** On an outbreak of fever that proved to be of the nature of trichiniasis on board the Reformatory school ship "Cornwall." pp. [20]. 8°. London, 1880.

Leaves taken from 9th annual report of the Local government board, 1879-80; supplement containing the report of the medical officer for 1879, pp. 47-67, London, 1880.

**Reboursgeon, C.** Rapport des expériences faites sur les viandes trichinées d'Amérique au Laboratoire d'histologie zoologique de Paris. pp. [17]. 8°. Paris, [1881].

**Rendtorff**, Carolus. De hydatibus in corpore humano præsertim in cerebro repertis. pp. 57. 1 pl. 12°. [Berl., 1822.]

Inaugural-dissertation . . . Berlin.

**Riehm**, Gottfried. Studien an cestoden. pp. 66. 8°. Halle a. S., Gebauer-Schwetschke'sche buchdruckerei, 1881.

Inaugural-dissertation . . . Halle-Wittenberg.

Plates are wanting.

**Risso**, A. Catalogue des vers intestinaux trouvés dans les animaux des Alpes-Maritimes et observations relatives à plusieurs d'entre eux. pp. [7]. 8°. [Paris, 1826.]

Reprinted from *Histoire naturelle des principales productions de l'Europe méridionale* . . . par A. Risso, v. 5, pp. 259-265, Paris, 1826.

**Rohde**, Emil. Beiträge zur kenntniss der anatomie der nematoden. pp. 26. 8°. Breslau, Robert Nischkowsky, 1883.

Inaugural-dissertation . . . Breslau.

**Röhrig**, Clemens. Ein fall von Amöben-enteritis. pp. 22. 8°. Kiel, H. Fiencke, 1896.

Inaugural-dissertation . . . Kiel.

**Roser**, Karl. Beiträge zur biologie niederster organismen. pp. 23. 1 pl. 8°. Marburg, R. Friedrich, 1881.

Inaugural-dissertation . . . Marburg.

**Rudolphi**, Karl Asmund. Entozoorum; sive, Vermium intestinalium historia naturalis. 2 v. in 3. pl. 12. 8°. Amstelædami, 1808-10.

**Rudow**, Ferd. Beitrag zur kenntniss der mallophagen oder pelzfresser. pp. 47. 8°. Halle, Wilh. Plötz., 1869.

Inaugural-dissertation . . . Leipzig.

**Saint-Remy**, G. Contribution à l'étude de l'appareil génital chez les Tristomiens. pp. 55. pl. 2. 8°. Liège, H. Vaillant-Carmanne, 1891.

Reprinted from *Archives de biologie*, v. 12, no. 1, pp. 1-55, pl. 1-2, March 31, 1892.

**Schauinsland**, Hugo. Beitrag zur kenntniss der embryonalentwicklung der trematoden. pp. 63. 8°. Jena, Gustav Fischer, 1883.

Inaugural-dissertation . . . Königsberg i. Pr.

Bibliography, pp. 51-54.

**Schelle**, Edwin. Ueber den muskelechinococcus. pp. 28. 8°. Berl., E. Ebering, [1896].

Inaugural-dissertation . . . Berlin.

Bibliography.

**Schmidt**, Ferdinand. Beiträge zur kenntnis der entwicklung der geschlechtsorgane einiger cestoden. pp. 35. pl. [2]. 8°. Leipz., Wilh. Engelmann, 1888.

Inaugural-dissertation . . . Rostock.

Reprinted from *Zeitschrift für wissenschaftliche zoologie*, v. 46, heft 2, pp. 155-187, pl. 16-17, 1888.

**Schneider**, Aimé. Contributions à l'histoire des grégaires des invertébrés de Paris et de Roscoff. pp. 116. pl. [8]. 8°. Paris, A. Hennuyer, 1876.

Reprinted from *Archives de zoologie expérimentale et générale*, v. 4, no. 3, pp. 493-604, pl. 16-22, 1875. Reprint is also accompanied by pl. 23, from v. 23, no. 4, Oct., 1873.

**Schöne**, Otto. Beitrag zur statistik der entozoen im hunde. pp. 24. 8°. n. p., n. d.

Inaugural-dissertation . . . Leipzig.

**Schreckhaase**, Ernst. Ein fall von lungenechinococcus. pp. 33. 8°. Greifswald, Hans Adler, 1900.

Inaugural-dissertation . . . Greifswald.

**Schwarze**, Wilhelm. Die postembryonale entwicklung der trematoden. pp. 46. [1] pl. 8°. Leipz., Wilh. Engelmann, 1885.

Inaugural-dissertation . . . Leipzig.

Bibliography, pp. 43-44.

Reprinted from *Zeitschrift für wissenschaftliche zoologie*, v. 43, no. 1, pp. 41-86, pl. 3, Dec. 31, 1885.



**Scoutetten, H.** Étude sur les trichines. pp. 107. 1 pl. 8°. Paris, J.-B. Baillière et fils, 1866.

**See, Germain.** Comment peut-on reconnaître la trichinose chez l'homme? pp. 11. 8°. Paris, 1882.

Reprinted from *La France médicale*, année 29, tome 1, no. 14 (2 février 1882), pp. 157-163, Paris, 1882.

**Seifert, Otto.** Die darmparasiten des menschen. pp. 24. 8°. Berl., 1885.

Reprinted from *Deutsche medizinisch-zeitung*, v. 6, no. 7, pp. 85-87; no. 9, pp. 97-98; no. 10, pp. 109-111, 1885.

**Sommer, Ferdinand.** Die anatomie des leberegels, Distomum hepaticum L. pp. [101]. pl. [6]. 8°. [Leipz., Engelmann, 1880.]

Reprinted from *Zeitschrift für wissenschaftliche zoologie*, v. 34, heft 4 (ausgegeben Sept. 10, 1880), pp. 539-640, pl. 27-32, Leipz., 1880.

**Sonsino, Prospero.** Sul ciclo vitale di un nematode ematazoo del cane. pp. 6. 4°. n. p., [1888].

Reprinted from *Processo verbale della Società Toscana di scienze naturali*, July, 1888.

**Speiser, Paul.** Ueber die nycterihiiden, fledermausparasiten aus der gruppe der pupiparen dipteren. pp. 68. 1 pl. 8°. Königsberg i. Pr., 1901.

Inaugural-dissertation . . . Königsberg i. Pr.

Bibliography, pp. 64-67.

Reprinted from *Archiv für naturgeschichte*, jahrg. 67, bd. 1, heft 1 (ausgegeben im December 1900) pp. 11-78, pl. 3, Berl., 1901.

**Spemann, Hans.** Zur entwicklung des Strongylus paradoxus. pp. 18. pl. 3. 8°. Jena, Gustav Fischer, 1895.

Inaugural-dissertation . . . Würzburg.

**Stadelmann, Hermann.** Ueber den anatomischen bau des Strongylus convolutus Ostertag, nebst einigen bemerkungen zu seiner biologie. pp. 39. 8°. Berl., Emil Streisand, 1891.

Inaugural-dissertation . . . Berlin.

Bibliography, pp. 38-39.

**Stafford, Joseph.** Anatomical structure of Aspidogaster conchicola. pp. 67. pl. 4. 8°. Jena, Gustav Fischer, 1896.

Dissertation . . . Leipzig.

Bibliography, pp. 60-63.

**Stein, Friedrich von.** Der organismus der infusionsthier. abth. 1, hälfte 1. pp. 154. pl. 24. f°. Leipzig, Wilh. Engelmann, 1878.

*Contents:*—abth. 1. Die naturgeschichte der flagellaten oder geisselinfusorien. hälfte 1. Den noch nicht abgeschlossenen theil nebst erklärungen der sämmtlichen abbildungen enthaltend.

**Stein, Friedrich von.** Ueber die natur der gregarinen. pp. [51]. 8°. n. p., [1848].

Reprinted from *Archiv für anatomie, physiologie und wissenschaftliche medicin*, jahrgang 1848, pp. 182-223, pl. 9.

**Steinbrück, Alfred.** Ein beitrag zur lehre vom muskelechinococcus. pp. 30. 8°. Greifswald, Hans Adler, 1899.

Inaugural-dissertation . . . Greifswald.

Bibliography, p. 28.

**Stiles, Charles Wardell.** New species of hookworm (*Uncinaria americana*) parasitic in man. pp. 3. 8°. n. p., 1902.

Reprinted from *American medicine*, v. 3, pp. 777-778, 1902.

**Stossich, Michele.** Sopra alcuni nematodi della collezione elmintologica del prof. dott. Corrado Parona. pp. 16. pl. 3. 8°. [Genova, 1902.]

Estratto dagli *Atti della Società ligure di scienze naturali e geografiche*, v. 13, fasc. 2, 1902.

**Strassen, Otto zur.** Gestaltungsvorgänge an ascaris. pp. 44. 8°. Leipz., Wilh. Engelmann, 1896.

Habilitationsschrift . . . Leipzig.

**Strodtmann, Johann Sigismund.** Die systematik der chætognathen und die geographische verbreitung der einzelnen arten im Nordatlantischen Ocean (nach

dem material der plankton-expedition 1889). pp. 47. 1 pl. map. 8°. Berlin, R. Stricker, 1892.

Litteraturverzeichnis, pp. 42-47.

Inaugural-dissertation . . . Kiel.

From *Archiv für naturgeschichte*, 1892.

**Ströse, August.** Üeber den feineren bau von *Strongylus micrurus*. pp. 32. pl. 3. 8°. Leipz., J. B. Hirschfeld, 1891.

Inaugural-dissertation . . . Rostock.

**Teichmann, Curt.** Zur localisation des *Echinococcus* im menschlichen körper. pp. 51. 8°. Halle a. S., C. A. Kaemmerer, 1898.

Inaugural-dissertation . . . Halle-Wittenberg.

**Tessin, Georg.** Über eibildung und entwicklung der rotatorien. pp. 32. 8°. Leipz., Wilh. Engelmann, 1886.

Inaugural-dissertation . . . Rostock.

Bibliography, pp. 29-30.

Reprinted from *Zeitschrift für wissenschaftliche zoologie*, v. 44, no. 1-2, pp. 273-302, pl. 19-20, 1886.

**Thaler, Max.** Ein fall von *Echinococcus multilocularis hepatis*. pp. 32. 8°. München, F. Straub, 1892.

Inaugural-dissertation . . . München.

**Thoss, Eugen.** Über den bau von *Holostomum cucullus*, nov. spec.; ein beitrage zur kenntniss der trematoden. pp. 66. pl. 2. 8°. Leipzig-R., Oswald Schmidt, 1897.

Inaugural-dissertation . . . Leipzig.

Bibliography, pp. 63-64.

**Timm, Rudolf.** Beobachtungen an *Phreoryctes menkeanus* Hoffmr. und Nais; ein beitrage zur kenntniss der fauna Unterfrankens. pp. 44. 8°. [Hamburg], Ackermann & Wulff, n.d.

Inaugural-dissertation . . . Würzburg.

**Trautzsch, Hermann.** Beitrag zur kenntniss der polynoïden von Spitzbergen. pp. 44. 8°. Jena, Gustav Fischer, 1889.

Inaugural-dissertation . . . Jena.

Litteraturverzeichnis, pp. 43-44.

**Tützsch, Fritz.** Ein beitrage zur casuistik der leberechinococcen. pp. 22. 8°. Greifswald, C. Sell, 1897.

Inaugural-dissertation . . . Greifswald.

**Ude, Heinrich Julius Hermann.** Über die rückenporen der terricolen Oligochaeten, nebst beiträgen zur histologie des leibesschlauches und zur systematik der Lumbriciden. pp. 59. 8°. Göttingen, W. Fr. Kästner, 1888.

Inaugural-dissertation . . . Göttingen.

Litteratur, pp. 8-11.

From *Zeitschrift für wiss. zoologie*, v. 43.

**Udekem, d'.** Notice sur quelques parasites du *Julius terrestris*. pp. 18. pl. 2. 8°. Bruxelles, Hayez, 1859.

Reprinted from *Bulletin de l'Académie royale de Belgique*, année 25, ser. 2, v. 7, no. 8, pp. 552-567, pl. 1-2, 1859.

**Vayssièr, A.** Étude sur le *Temnocephala*, parasite de l'*Astacoïdes madagascariensis*. pp. 22. 1 pl. [Marseille, Barlatier & Barthelet, 1892.]

Reprinted from *Annales de la faculté des sciences de Marseille*, v. 2, fascicule 5, pp. 77-79, pl. 1, 1892.

**Villot, Alfred.** L'évolution des gordiens. pp. [72]. pl. [3]. 8°. [Paris, 1891].

Reprinted from *Annales des sciences naturelles, zoologie*, ser. 7, v. 11, pp. 329-401, 1891.

**Villot, Alfred.** Gordiens de Sumatra; description des deux espèces nouvelles. pp. [3]. 4°. [Leiden, 1891.]

Reprinted from *Zoologische ergebnisse einer reise in niederländisch Ost-Indien*.

**Vogt, Karl.** Über einen fall von magenaktinomykose beim rind. pp. 29. 8°. Freiburg in Baden, 1895.

Inaugural-dissertation . . . Freiburg i. B.

**Voigt, Walter.** Untersuchungen über die varietätenbildung bei *branchiobdella* varians. pp. 52. 8°. Wiesbaden, C. W. Kriedel, 1884.

Inaugural-dissertation . . . Würzburg.

**Völtzkow, Alfred.** *Aspidogaster conchicola*. pp. 36. 8°. Wiesbaden, C. W. Kriedel, 1888.

Inaugural-dissertation . . . Freiburg i. B.

Bibliography, p. 36.

**Volz, Walter.** Beitrag zur kenntniss einiger vogelcestoden. pp. 62. pl. 3. 8°. Berl., 1900.

Inaugural-dissertation . . . Basel.

Bibliography, pp. 58-60.

Reprinted from *Archiv für naturgeschichte*, jahrgang 66, band 1, heft 1 (ausgegeben June 1900), pp. 115-174, pl. 6-8, Berl., 1900.

**Wagener, Guido Richard.** Die entwicklung der cestoden nach eigenen unter- suchungen. pp. 91. pl. 22. 4°. Breslau, 1854.

Reprinted from *Supplement zum band 24 der Verhandlungen der K. k. L.-C.-akademie*.

**Walter, Emil.** Untersuchungen über den bau der trematoden. pp. 51. pl. 3. 8°. Halle a. S., 1893.

Inaugural-dissertation . . . Halle-Wittenberg.

Bibliography, pp. 45-47.

Reprinted from *Zeitschrift für wissenschaftliche zoologie*, v. 56, pp. 189-235, pl. 10-12.

**Wandolleck, Benno.** Zur embryonalentwicklung des *Strongylus paradoxus*. pp. 36. 8°. Berl., Emil Streisand, 1891.

Inaugural-dissertation . . . Berlin.

Bibliography.

**Wawrzik, Edmund.** Ueber das stützgewebe des nervensystems der Chaetopo- den. pp. 25. 8°. Breslau, R. Nischkowsky, 1893.

Plates wanting.

Inaugural-dissertation . . . Breslau.

**Will, Heinrich.** Anatomie von *Caryophyllaeus mutabilis* Rud.; ein beitrag zur kenntnis der cestoden. pp. 41. pl. 2. 8°. Leipz., Wilh. Engelmann, 1893.

Inaugural-dissertation . . . Rostock.

Reprinted from *Zeitschrift für wissenschaftliche zoologie*, v. 56, no. 1, pp. 1-39, pl. 2, 1893.

**Willemoes-Suhm, Rudolph von.** Ueber das vorkommen der *Rictularia plagio- stoma* Wedl. pp. [14]. [1] pl. [Leipz., 1873.]

Reprinted from *Zeitschrift für wissenschaftliche zoologie*, v. 23, heft 3 (ausgegeben 18. November 1873), pp. 331-344, pl. 17, Leipzig, 1873.

**Woltereck, R.** Über den feineren bau der *Polygordius*-larve der Nordsee und die entstehung des annelids in derselben. pp. 84. il. 8°. Leipzig-Reudnitz, Au- gust Hoffmann, 1901.

Habilitationsschrift . . . Leipzig.

**Zschokke, Fritz.** Recherches sur l'organisation et la distribution zoologique des vers parasites des poissons d'eau douce. pp. 89. pl. [2]. 8°. Paris, G. Masson, 1884.

Dissertation . . . Genève.

Bibliography, pp. 84-86.

Reprinted from *Archives de biologie*, v. 5, no. 2, pp. 153-241, pl. 9-10, 1884.

## 29. SOCIOLOGY.

**Addams, Jane.** Democracy and social ethics. pp. 281. 12°. N. Y., Macmillan co., 1902. (CITIZEN'S library.)

2-10126

**Block, Maurice.** Les facteurs de la production et la participation de l'ouvrier aux bénéfices de l'entrepreneur. pp. 34. 8°. Paris, Guillaumin et cie., n. d.

Extrait du *Compte-rendu de l'Académie des sciences morales et politiques (Institut de France)*.



**Bolen**, George Lewis. Plain facts as to the trusts and the tariff; with chapters on the railroad problem and municipal monopolies. pp. 451. 12°. N. Y., Macmillan co., 1902. 2—21599

List of books cited, pref. p. 8.

**Hanna**, Marcus Alonzo, *and others*. Industrial conciliation and arbitration; addresses at the sixth annual meeting, and papers, by Marcus A. Hanna, Samuel Gompers, Oscar S. Straus, W. H. Pfahler, Alexander Purves. pp. [61]. 8°. Phila., [1902]. (AMERICAN ACADEMY OF POLITICAL AND SOCIAL SCIENCE. Publications. no. 344.) Agr 3—138

Reprinted from the *Annals of the American academy of political and social science*, July, 1902, pp. 17-77.

**Lake Mohonk conference on international arbitration**. Report of the 8th annual meeting, 1902. pp. 128. 8°. n. p. 1902.

**Pennsylvania**—*Public charities, Board of commissioners of*. 31st annual report, 1900. pp. 234. 8°. [Harrisburg], 1901.

**Peters**, John Punnett, *editor*. Labor and capital; a discussion of the relations of employer and employed, edited, with an introduction, by John P. Peters. pp. 463. 8°. N. Y., G. P. Putnam's sons, 1902. (QUESTIONS of the day. no. 98.) 2—13401

**Robinson**, Charles Mulford. Improvement of towns and cities; or, The practical basis of civic æsthetics. pp. 309. 12°. N. Y., G. P. Putnam's sons, 1902. May 30, 1901-109

**Wright**, Carroll Davidson. Some ethical phases of the labor question. pp. 207. 12°. Boston, American unitarian association, 1902. 2—24907

**Zueblin**, Charles. American municipal progress; chapters in municipal sociology. pp. 380. 12°. N. Y., Macmillan co., 1902. (CITIZEN's library.) 2—24493

### 30. LEGISLATION AND LAWS.

**Abbott**, Austin. Brief for the trial of civil issues before a jury. Ed. 2 enl. pp. 603. 8°. Rochester, N. Y., Lawyer's cooperative publishing co., 1900. Dec. 20, 1900-1

**General digest**, American and English, annotated. n. s., v. 13. pp. 4866. 4°. Rochester, N. Y., Lawyer's cooperative publishing co., 1902.

**Gould**, James. Treatise on the principles of pleading in civil actions; reprinted from the 2d edition; with numerous additions to text and authorities, by Adelbert Hamilton. pp. 519. 8°. Chicago, Lawyers' co-operative publishing co., 1899. Nov. 30, 99-78

**Louisiana**—*General assembly*. Acts passed . . . at the regular session, 1902. pp. 496. 8°. Baton Rouge, 1902.

**New York (state)**—*Constitution*. Annotated constitution of the state of New York; prepared in pursuance of chapter 8 of laws of 1893, and chapter 228 of laws of 1894. pp. 1312. 8°. Albany, [1894?] (NEW YORK STATE CONSTITUTIONAL CONVENTION, 6th, 1894. Convention manual. pt. 2, v. 6.) Agr 2—114

**New York (state)**—*Library*. Bulletin; legislation. no. 17. 8°. Albany, University of the state of New York, 1902.

*Contents*:—Digest of governors' messages, 1902: including related topics in the President's message, April 1, 1901, to April 1, 1902.

**Rice**, Frank S. General principles of the law of evidence in their application to the trial of criminal cases at common law and under the criminal codes of the several states. pp. 979. 8°. Rochester, N. Y., Lawyers' co-operative publishing co., 1894. Agr 2—201

**Rice, Frank S.** General principles of the law of evidence, with their application to the trial of civil actions at common law, in equity, and under the codes of civil procedure of the several states . . . An appendix to vol. 2 contains the code provisions of New York and California. 2 v. 8°. Rochester, N. Y., Lawyers' co-operative publishing co., 1894. Agr 2—202

**Virginia—Constitution.** Constitution of the state of Virginia, adopted by the convention of 1901-2. pp. 87. 8°. Richmond, 1902. Agr 2—115

### 31. STATISTICS AND COMMERCE.

**Austria—K. k. ackerbau-ministerium.** Statistisches jahrbuch, 1900, heft 2, lief. 3; 1901, heft 2, lief. 1. 8° & 4°. Wien, 1902.

**Austria—K. k. statistische central-commission.** Oesterreichische statistik. v. 60, no. 1-2; v. 62, no. 1; v. 63, no. 1; v. 64, no. 1. f°. Wien, 1902.

**Austria—K. k. statistische central-commission.** Österreichisches statistisches handbuch, 1901. v. 20. pp. 432. 4°. Wien, 1902.

**Bois, Désiré, and Gibault, Georges.** L'approvisionnement des Halles centrales de Paris en 1899; les fruits et les légumes. pp. 12. 4°. Paris, Imprimerie de la Cour d'appel, 1900.

Extrait du *Journal de la Société nationale d'horticulture de France*, juin 1900.

**Brazil—Contabilidade do thesouro federal, Directoria de.** Orçamento da receita e despeza, 1902. v. p. f°. Rio de Janeiro, 1902.

**Brazil—Fazenda, Ministerio da.** Relatorio, 1901. v. p. 8°. Rio de Janeiro, 1901.

**Broomhall's** corn trade year book; a reference book for grain merchants and millers; review of the world's grain trade, 1901. pp. 216. tab. 8°. Liverpool, Northern publishing co., 1902.

**California—Trade, State board of.** Annual report upon the industrial resources of . . . California, 12th, 1901. pp. 28. il. tab. 4°. San Fran. [1902.]

**Cape of Good Hope—Statistical department.** Statistical register of the colony of the Cape of Good Hope, 1901. pp. 349. f°. Cape Town, 1902.

**Denmark—Statistiske bureau.** Statistisk tabelværk. ser. 5, lettre D, no. 9. f°. København, 1902.

*Contents:*—Danmarks handelsflaade og skibsfart i aaret 1901.

**Deutsches handels-archiv.** Inhaltsverzeichniss für die elf jahrgänge 1890 bis 1900; herausgegeben im Reichsamt des innern. pp. 266. 4°. Berl., 1902.

**Egypt—Douanes égyptiennes, Direction générale des.** Rapport du directeur général sur l'exercice de l'année 1899. pp. 13. 4°. Alexandrie, 1900.

**Finland—Government.** Sparbanks-statistik. no. 11. pp. 37+122. 4°. Helsingfors, 1902. (BIDRAG till Finlands officiella statistik. [ser.] 7a.)

**France—Commerce, de l'industrie, des postes et des télégraphes, Ministère du—Travail, Office du.** Annuaire des syndicats professionnels, industriels, commerciaux et agricoles . . . en France et aux colonies, 1902. année 13. pp. 727. 8°. Paris, 1902.

**France—Commerce, de l'industrie, des postes et des télégraphes, Ministère du—Travail, Office du.** Annuaire statistique, 1901. v. 21. pp. 592. 4°. Paris, 1902.

**France—Douanes, Direction générale des.** Tableau général du commerce et de la navigation, 1901. v. 1. pp. 796. f°. Paris, 1902.

*Contents:*—Commerce de la France avec ses colonies et les puissances étrangères.

**Germany—Kaiserliches statistisches amt.** Statistik des deutschen reichs, 1901. neue folge, bd. 143, 145. f°. Berl., 1902.

*Contents:*—neue folge, bd. 143. Auswärtiger handel des deutschen zollgebiets im jahr 1901 . . . 2. theil. Darstellung nach waarengattungen.—neue folge, bd. 145. Die binnenschiffahrt, 1901,



**Great Britain—Foreign office.** Index to reports of His Majesty's diplomatic and consular representatives abroad on trade and subjects of general interest (with appendix), 1898-99. pp. 191. 8°. Lond., 1902.

Prepared in the Intelligence branch of the commercial department of the Board of trade.

**Great Britain—Government.** Egypt, 1880, no. 1-4; 1881, no. 1; 1882, no. 1-20; 1883, no. 1-23; 1884, no. 1-37; 1885, no. 1-20; 1886, no. 1-5; 1887, no. 1-11; 1888, no. 1-8; 1889, no. 1-4; 1890, no. 1-2; 1891, no. 1-4; 1892, no. 1-3; 1893, no. 1-3; 1894, no. 1; 1895, no. 1-2; 1896, no. 1-2; 1897, no. 1-4; 1898, no. 1-3; 1899, no. 1-6; 1900, no. 1; 1901, no. 1-3; 1902, no. 1. f°. London, 1880-1902.

**Great Britain—Trade, Board of.** Statistical abstract for the principal and other foreign countries in each year from 1890 to 1899/1900. no. 28. pp. 370. 8°. Lond., 1902.

**Great Britain—Trade, Board of.** Statistical tables relating to the colonial and other possessions of the United Kingdom, 1900. v. 25. pp. 731. f°. London, 1902.

**Guayaquil, Ecuador—Commerce, Chamber of.** Report of the president, July 1900-Dec. 1901. tab. 12°. Guayaquil, 1901-02.

**Hungary—Statistique, Office central de.** Dénombrement de la population . . . en 1900. pt. 1. pp. 45+609. 4°. Budapest, 1902.

*Contents:*—Démographie générale suivant communes.

In Hungarian and French.

**India—Central provinces—Land records and agriculture, Department of.** Season and crop report for the year 1901/02. pp. 29. f°. Nagpur, 1902.

**India—Revenue and agriculture, Department of.** Statistics of mineral production in India in the ten years 1892 to 1901. pp. 7. f°. Calcutta, 1902.

**India—Statistical bureau.** Accounts of the trade carried by rail and river in India in the official year 1901/02 and the four preceding years. issue 14. pp. 161. f°. Calcutta, 1902.

**India—Statistical bureau.** Agricultural statistics of British India for the years 1896/97-1900/01. issue 17. 2 v. f°. Calcutta, 1902.

**Italy—Finanze, Ministero delle—Gabelle, Direzione generale delle.** Movimento commerciale del regno d' Italia nell' anno 1901. 3 pts. f°. Roma, 1902.

**London—County council—Statistical department.** London statistics, 1900/01. v. 11. pp. 803. charts. f°. Lond., 1902.

**Manchester statistical society.** Transactions, 1901/02. pp. 179. fold. tab. 8°. Manchester, [1902].

**Marysville, Cal.—Commerce, Chamber of.** Statistics relating to the Yuba and Feather rivers of . . . California. pp. [8]. 8°. Marysville, 1901.

**Massachusetts—Statistics of labor, Bureau of.** 32d annual report, March, 1902. pp. 357. Boston, 1902. (PUBLIC document, no. 15.)

**Massachusetts—Statistics of labor, Bureau of.** Annual statistics of manufactures, 1901. v. 16. pp. 223. 8°. Boston, 1902.

**Mecklenburg-Schwerin—Statistisches bureau.** Beiträge zur statistik Mecklenburgs. bd. 13, heft 3, abt. 2. pp. 189. 4°. Schwerin, 1902.

*Contents:*—Die ergebnisse der viehzählung vom 1. Dez. 1900.

**Mexico—Fomento, colonización é industria, Secretaría de—Estadística, Dirección general de.** Censo general de la República Mexicana . . . de 1900. f°. México, 1902

*Contents:*—Estado de Querétaro.—Estado de Tlaxcala.

**Michigan—Auditor-general.** Annual report for the fiscal year ending June 30 1901. 8°. Lansing, 1902.

**Montana—Auditor.** Annual report, 1897-1900. 8°. Helena, 1898-1900.



- Montana**—*Treasurer*. Annual report, 1892-93. 8°. Helena, 1892-94.  
Completes the set from 1881-1900.
- Netherlands**—*Financiën, Departement van*. Statistiek van den in-, uit- en doorvoer over het jaar 1901. 2 pts. pp. 911. f°. 's Gravenhaag, 1902.
- New South Wales**—*Statistician*. Statistics; six states of Australia and New Zealand, 1861 to 1901. pp. 84. 8°. Sydney, 1902.
- New Zealand**—*Registrar-general*. New Zealand official year-book, 1902. v. 11. pp. 690. pl. tab. 8°. Wellington, 1902.
- North Carolina**—*Labor and printing, Bureau of*. 15th annual report, 1901. il. 8°. Raleigh, 1902.
- North Dakota**—*Auditor*. 5th-6th biennial report, 1896/97-1899/1900. 8°. Bismarck, 1898-1900.
- North Dakota**—*Equalization, State board of*. Proceedings, 1900-02. 8°. Bismarck, 1900-02.
- Ontario**—*Industries, Bureau of*. Annual report, 1901. pp. 48. 8°. Toronto, 1902.  
*Contents*:—pt. 1. Agricultural statistics.—pt. 2. Chattel mortgages.
- Pennsylvania**—*Adjutant-general*. Report, Nov. 30, 1899-May 31, 1901. pp. 507. il. pl. tab. 8°. [Harrisburg], 1902.
- Pennsylvania**—*Auditor-general*. Report on the finances of . . . Pennsylvania, 1901. pp. 531. 8°. [Harrisburg], 1902.
- Pennsylvania**—*Banking, Commissioner of*. 6th-7th annual report, being the 9th-10th annual report of the Banking department, 1900-01. 2 v. in 4 pts. 8°. [Harrisburg], 1901-02.
- Pennsylvania**—*Factory inspector*. 12th annual report, 1901. pp. 1167. maps. [Harrisburg], 1902.
- Pennsylvania**—*Insurance commissioner*. 29th annual report, 1901. 2 v. 8°. [Harrisburg], 1902.
- Pennsylvania**—*Internal affairs, Department of*. Annual report, 1901. pt. 1-2, 4-5. 8°. [Harrisburg], 1901-02.
- Pennsylvania**—*Sinking fund, Commissioners of*. Report, 1901. pp. 13. 8°. [Harrisburg], 1902.
- Pennsylvania**—*Treasury department*. Report of the State treasurer, 1901. pp. 1109. 8°. [Harrisburg], 1902.
- Prussia**—*Königliches statistisches bureau*. Preussische statistik. no. 168, 170, 173. f°. Berl., 1902.  
*Contents*:—no. 168. Statistik der landwirthschaft (land- und forstwirthschaftliche bodenbenutzung), 1900.—no. 170. Statistik der landwirthschaft (anbau, saatenstand, ernteerträge, hagelwetter und wasserschäden), 1901.—no. 173. Die heilanstalten, 1898-1900.
- Quebec (province)**—*Legislature*. Sessional papers, 1901/02. v. 35, pt. 2-3. 8°. Quebec, [1902].
- Queensland**—*Registrar-general*. Census of Queensland; report by the registrar-general, with summary and detailed tables, illustrative maps and diagram; 9th enumeration of population made on the 31st of March, 1901. pp. 44 + 460. maps, tab. f°. Brisbane, 1902. Agr 2-183
- Rhode Island**—*Industrial statistics, Commissioner of*. 15th annual report, 1901. pp. 417. 8°. Providence, 1902.
- Rosario, Argentine Republic**—*Census*. Primer censo municipal de población, con datos sobre edificación, comercio é industria de la ciudad del Rosario de Santa Fé (República Argentina). pp. 559. pl. map. f°. Buenos Aires, 1902. 2-27915

**Russia**—*Finansov, Ministerstvo—Torgovli i manufaktur, Departament [Finance, Ministry of—Commerce and manufactures, Department of]*. Svod tovarnuikh tzyen na ghlavnuikh ruinkakh Rossii za 1890–1895 ghodui [Digest of prices of merchandise in the principal Russian markets for the years 1890–1895]. f°. S.-Peterb., 1896.

**Saxony (kingdom)**—*Statistisches bureau*. Kalender und statistisches jahrbuch für das königreich Sachsen, nebst marktverzeichnissen für Sachsen und die nachbarstaaten auf das jahr 1903. pp. 96+264. 8°. Dresden, 1902.

**Servia**—*Commerce, de l'agriculture et de l'industrie, Ministère du—Statistique, Section de*. Matériaux pour la statistique du royaume de Serbie. livraison 5. pp. 311. f°. Belgrade, 1902.

In French and Servian.

**Société nationale d'agriculture de France**—*Commission de statistique*. Rapport sur les procédés et les résultats de la statistique agricole dans les principaux états producteurs, présenté par Émile Levasseur à l'Institut international de statistique (session de Budapest, septembre-octobre 1902 [1901]). pp. 136. 8°. Paris, Philippe Renouard, 1902.

Agr 2—184

Cette brochure se compose de deux parties: 1° Le rapport . . . présenté par M. E. Levasseur à la session de l'Institut international de statistique à Budapest en 1901; 2° Les conclusions de la Commission de statistique sur la statistique agricole de la France.

**South Australia**—*Census, Superintendent of*. Census of 1901. pt. 3. pp. 165–242. f°. [Adelaide] 1902.

*Contents*:—Conjugal condition of the people.

**South Dakota**—*Auditor*. Report for the fiscal year ending June 30, 1902. pp. 259. 8°. Aberdeen, 1902.

**Statistisches jahrbuch deutscher städte**. jahrg. 10. pp. 447. 8°. Breslau, Wilh. Gottl. Korn, 1902.

**Switzerland**—*Douanes Département fédéral des*. Rapport annuel, 1901. 8°. Berne, 1902.

— Annexe au Rapport annuel de 1901. pp. 215. 8°. Bern, 1902.

*Contents*:—Specialhandel mit den einzelnen ländern in den jahren 1892–1901.

**Uruguay**—*Ganaderia y agricultura, Departamento de*. Estadística vitícola de la república oriental del Uruguay, 1902; por Juan José Aguiar. pp. 42. 4°. Montevideo, 1902.

**Wallace, Robert**. Introductory lecture to the agriculture class on American cattle and the American export trade in beef and live cattle to Great Britain, Wednesday, 22nd Oct., 1890. pp. 28. 8°. Edinb., Oliver & Boyd, [1890]. (EDINBURGH university, session 1890–91.)

Agr 2—24

**Wallace, Robert**. Trade prospects in the United States. pp. 7. 8°. Edinb., The Darien press, [1890].

Agr 2—43

Reprinted from the *Glasgow herald*, 20th Aug., 1890.

**Western Australia**—*Statistical office*. Blue book for the year 1901. pp. 136. f°. Perth, 1902.

**Wyoming**—*Auditor*. Biennial report, 1900/01–01/02. pp. 104. 8°. Laramie, 1902.

**Wyoming**—*Treasurer*. Biennial report for the two years ending Sept. 30, 1900. 8°. Cheyenne, 1900.

## 32. ROADS AND ENGINEERING.

**Baker, Moses Nelson**. Municipal engineering and sanitation. pp. 317. 12°. N. Y., The Macmillan co., 1902. (CITIZEN'S library.)

2—766

**California**—*Highways, Department of*. Biennial report, 1899-1900. pp. 120. il. pl. 8°. Sacramento, 1900.

**California**—*Highways, Department of*. Bulletin. no. 3-5. il. 8°. Sacramento, n. d.

**Canadian society of civil engineers**. Charter, by-laws and list of members, 1900. pp. 75. 8°. Montreal, [1900].

**Judson, William Pierson**. City roads and pavements suited to cities of moderate size. Ed. 2 enl. pp. 195. il. 1 pl. 8°. N. Y., Engineering news publishing co., 1902. 2-19604

**Martens, Adolf**. Handbook of testing materials for the constructor . . . authorized translation and additions by Gus. C. Henning. Ed. 1. pt. 1. text & illustrations, 2 v. 8°. N. Y., John Wiley & sons, 1899. Jan. 18, 1900-81.

*Contents*:—pt. 1. Methods, machines and auxiliary apparatus.

Bibliographical index, v. 1, pref. pp. 35-51.

### 33. EDUCATION (NOT AGRICULTURAL.)

**Burnley, Eng., Municipal science, art, and technical school**. Classes syllabus, 1902/03. pp. 60. il. 8°. Burnley, [1902].

**Columbia university, N. Y.** Annual reports of the president and treasurer to the trustees, 1901/02. pp. 415. 8°. N. Y., 1902.

**Connecticut**—*Education, Board of*. Report, 1897/98-98/99. pl. 8°. Hartford, 1899-1900.

**Cornell university**. 10th annual report of President Schurman, 1901/02. pp. 45+127. tab. 12°. Ithaca, 1902.

**Durham college of science, Newcastle-upon-Tyne**. Calendar, session 1902/03. pp. 348. il. 12°. Lond., [1902].

**Georgia**—*Education, Department of*. 26th annual report, 1897/98. pp. 254+566. 8°. Atlanta, 1898.

**Georgia**—*State industrial college for colored youths, College, Ga.* Announcement and catalogue, 1899/1900. pp. 78. pl. 8°. Atlanta, 1900.

**Great Britain**—*Education, Board of*. Education in the Netherlands. pp. 83. 8°. Lond., 1902. (GREAT BRITAIN—*Education, Board of*. Special reports on educational subjects. v. 8, supplement.)

**Illinois**—*Public instruction, Superintendent of*. 23d biennial report, 1898/99-99/1900. pp. 427. pl. 8°. Springfield, 1901.

**Keene industrial academy, Keene, Texas**. 9th annual calendar, 1902/03. pp. 49. 1 pl. 8°. Keene, [1902].

**Liège, Université de**. Ouverture solennelle des cours le 22 octobre 1901; discours de V. Dwelshauvers-Dery sur la machine à vapeur moderne; rapport sur la situation de l'université, 1900/01. pp. 61. 8°. Liège, 1901.

**Louisiana**—*Education, Department of*. Biennial report, 1896-97. pp. 138. pl. 8°. Baton Rouge, 1898.

**Maine**—*Public schools, State superintendent of*. Laws of Maine relating to public schools, 1901. pp. 64. 8°. Augusta, 1901. Agr 2-189

**Maine**—*University*. Annual report, 1899, pt. 1. pp. 64+135. pl. 8°. Augusta, 1900.

*Contents*:—Reports of trustees, president, and treasurer. Catalogue, 1899/1900.

**Maine**—*University*. Short catalogue, 1900/01. pp. 59. pl. 8°. Augusta, 1900.

**Massachusetts**—*Education, Board of*. 61st-62d annual report, 1896/97-97/78. il. 8°. Boston, 1898-99.



**Michigan**—*Public instruction, Department of.* 63d annual report, 1899. pp. 249. por. 8°. Lansing, 1900.

**Michigan**—*University.* General catalogue of officers and students, 1837–1901. pp. 706. 8°. Ann Arbor, 1902.

**Minnesota**—*Public instruction, Department of.* Laws of Minnesota relating to the public school system, including the State normal schools and the University of Minnesota. pp. 142. 8°. St. Paul, 1901. Agr 2—190

**Missouri**—*Public schools, State superintendent of.* 51st report, 1899/1900. pp. 223. pl. 8°. Jefferson City, 1901.

**Missouri**—*Public schools, State superintendent of.* School laws of the state of Missouri; revised statutes, 1899. pp. 125. 8°. Jefferson City, 1900. Agr 2—191

**Nebraska**—*Public instruction, Department of.* 15th biennial report, 1897–98. pp. 556. pl. 8°. Lincoln, 1898.

**Nebraska**—*Public instruction, Department of.* Rural schoolhouse plans and specifications; village schoolhouse plans. pp. [31]. il. 8°. Lincoln, 1902. Agr 2—192

**New York (state)**—*Public instruction, Department of.* 45th annual report, 1897/98. pp. 1174. 8°. N. Y., 1899.

**Ohio**—*Common schools, State commissioner of.* 43d–44th annual report, 1895/96–96/97. 8°. Norwalk, 1896–97.

**Pennsylvania**—*Public instruction, Superintendent of.* Report for the year ending June 3, 1901. pp. 926. pl. 8°. [Harrisburg], 1901.

**Pennsylvania**—*Soldiers' orphan schools, Commission of.* Annual report, 1900/01. pp. 139. por. pl. 8°. [Harrisburg], 1901.

**Pepper, William.** Pennsylvania state college, commencement address, delivered June 13th, 1894. pp. 8. 8°. State College, Pa., [1894].

**Purdue university, Lafayette, Ind.** Register of officers and alumni, 1875–1900. pp. 76. 8°. Lafayette, 1901. (PURDUE UNIVERSITY. Bulletin, v. 1, no. 3.)

**St. Andrews university.** Calendar for the year 1901/02–1902/03. 12°. Edinburgh, William Blackwood & sons, 1901–02.

**Sibpur (India) civil engineering college.** Calendar for 1902. pp. 258. pl. 5. 8°. Calcutta, 1902.

**Somerset county [Eng.] education committee.** Report on the work during the financial year ending March 31st, 1902. pp. 76. 8°. Taunton, 1902.

**South Dakota**—*School of mines, Rapid City, S. D.* Catalogue, 1901/02, and announcement, 1902/03. pp. 54. pl. 8°. n. p., [1902].

**Vassar college.** 38th annual catalogue, 1902/03. pp. 112. 12°. [Poughkeepsie], 1902.

**Vermont**—*University and State agricultural college.* General catalogue, 1791–1900. pp. 260. 8°. Burlington, 1901. 2-20740

### 34. GEOGRAPHY, DESCRIPTION AND TRAVEL.

**American scenic and historic preservation society.** 6th annual report to the legislature of the state of New York, 1901. pp. 97. pl. 8°. Albany, 1901.

**Christian, Frederick William.** Caroline Islands; travel in the sea of the little lands. pp. 412. front., il. pl. 1 map. 8°. Lond., Methuen & co., 1899. 1-5285

Ponapean trees, plants, and shrubs, pp. 328–347.

Supplementary list of sap plant and tree names, pp. 347–352.

Ponapean fishes, insects, birds, and animals, pp. 352–379.

**Ireland**—*Agriculture and technical instruction, Department of.* Ireland, industrial and agricultural. pp. 532. pl. 4°. Dublin, Browne & Nolan, ltd., 1902.

**Johnston, Sir Harry Hamilton.** The Uganda protectorate; an attempt to give some description of the physical geography, botany, zoology, anthropology, languages, and history of the territories under British protection in east central Africa, between the Congo free state and the Rift valley and between the first degree of south latitude and the fifth degree of north latitude. 2 v. pp. 1018. il. por. pl. maps. 4°. N. Y., Dodd, Mead & company, 1902.

**King, Clarence.** Mountaineering in the Sierra Nevada. pp. 378. 12°. N. Y., Charles Scribner's sons, 1902.

**Lumholtz, Karl Sofus.** Unknown Mexico; a record of five years' exploration among the tribes of the western Sierra Madre; in the Tierra Caliente of Tepic and Jalisco; and among the Tarascos of Michoacan. 2 v. front. (v. 1. port., v. 2, facsim.) il. pl. 15, maps 2. 8°. N. Y., Charles Scribner's sons, 1902. 2-27727

Literature giving results of the author's expedition to Mexico, v. 1, pref. pp. 15-16.

**Marseille (France), Société de géographie de.** Bulletin, [quarterly]. v. 26, no. 1. pp. 123. il. 8°. Marseille, 1902.

**Nebraska**—*Labor and industrial statistics, Bureau of.* Nebraska's industries and resources; general description of the state; counties and townships described; Omaha, Lincoln, and South Omaha; statistical summary. pp. 245. il. map. 8°. Lincoln, 1902. (NEBRASKA—*Labor and industrial statistics, Bureau of.* Bulletin, no. 2.) 2-27754

**Nebraska state historical society.** Proceedings and collections. ser. 2, v. 4-5. por. 8°. Lincoln, 1902.

Ser. 2, v. 4, title reads: "Forty years of Nebraska at home and in Congress; by Thomas Weston Tipton.

**Nichols, Francis Henry.** Through hidden Shensi. pp. 333. pl. map. 8°. N. Y., Charles Scribner's sons, 1902. 2-23867

**Norfolk, Va.**—*Commerce, Chamber of.* Pictures in maritime Dixie; Norfolk, Va., port and city; the Chamber of commerce book, by A. M. pp. 204. il. 4°. Norfolk, Geo. W. Engelhardt, 1893. Agr 2-200

**Norman, Henry.** All the Russias; travels and studies in contemporary European Russia, Finland, Siberia, the Caucasus, and central Asia. pp. 476. il. 8°. N. Y., Charles Scribner's sons, 1902. 2-22431

**North Carolina**—*Agriculture, Department of.* Sketch of North Carolina. pp. 160. pl. 8°. [Charleston, S. C., 1902.] 2-19223

**Queensland geographical journal**, including the Proceedings of the Royal geographical society of Australasia, Queensland, 1901/02. v. 17 (n. s., v. 3). pp. 180. il. pl. 8°. Brisbane, [1902].

**Sykes, Percy Molesworth.** Ten thousand miles in Persia; or, Eight years in Iran. pp. 481. por. pl. maps. 8°. N. Y., Charles Scribner's sons, 1902. 2-21914

**Wallace, Robert.** Ceylon in the Jubilee year . . . a lecture read at the Philosophical institution, Edinburgh, December, 1888. pp. 18. 8°. Edinb., Oliver & Boyd, 1888. Agr 2-29

### 35. GENERAL SERIAL PUBLICATIONS.

**Belfast natural history and philosophical society.** Report and proceedings . . . 1900/01. pp. 90. il. 8°. Belfast, 1901.

**Bergens museum.** Bergens museums aarbog, 1902, pt. 1. v. p. il. pl. 8°. Bergen, 1902.

**Berlin, Königlich preussische akademie der wissenschaften zu.** Sitzungsberichte, May 1, 1902-July 31, 1902. no. 23-40. pl. 4°. Berl., 1902.

**Böhmische (Königl.) gesellschaft der wissenschaften.** Jahresbericht für das jahr 1901. pp. 70. 8°. Prag, 1902.

**Böhmische (Königl.) gesellschaft der wissenschaften.** Sitzungsberichte; mathematisch-naturwissenschaftliche classe, 1901. v. p. il. 8°. Prag, 1902.

**British association for the advancement of science.** Report of the 45th-70th meeting, 1875-1900. 26 v. pl. 8°. Lond., John Murray, 1876-1900.

**Budapest. Magyar tudományos akadémia.** Almanach; polgári és csillagászati naptárral, 1902. pp. 242. 8°. Budapest, 1902.

**Budapest. Magyar tudományos akadémia.** Matematikai és természettudományi értesítő, 1901, no. 3-5; 1902, no. 1-2. v. 19, no. 3-5; v. 20, no. 1-2. il. pl. 8°. Budapest, 1901-02.

**Budapest. Magyar tudományos akadémia.** Matematikai és természettudományi közlemények vonatkozólag a hazai viszonyokra. v. 28, no. 1. pp. 181. il. 8°. Budapest, 1902.

**Budapest. Magyar tudományos akadémia.** Rapport sur les travaux de l'Académie hongroise des sciences en 1901. pp. 27. 8°. Budapest, 1902.

**Buenos Ayres (city). Museo nacional de Buenos Aires.** Anales. v. 7 (ser. 2, v. 4). pp. 394. il. 4°. Buenos Aires, 1902.

**Buenos Ayres (city). Museo nacional de Buenos Aires.** Memoria . . . correspondiente al año 1898. pp. 50. 4°. Buenos Aires, 1899.

Bound with *Anales*, v. 7 (ser. 2, v. 4), 1902.

**Cherbourg, Société nationale des sciences naturelles et mathématiques de.** Mémoires. v. 32 (ser. 4, v. 2). pp. 404. pl. 8°. Paris, 1900-02.

**Écho (L') du monde savant; revue encyclopédique des découvertes et des perfectionnements de chaque jour dans les sciences, les arts, l'agriculture & l'industrie . . . nouvelles scientifiques, comptes, comptes-rendus des académies et sociétés savantes; travaux des savants de tous les pays, [semi-weekly], April 10, 1834-Mar. 23, 1845. année 1-12, no. 21. f°. Paris, [1834-45].**

Incomplete.

Année 1-7, title reads: *L'écho du monde savant, journal des nouvelles et des cours scientifiques.*

Oct. 16, 1836, united with *Hermès*, and title of no. 173-185 reads: *L'hermès, écho du monde savant.*

Année 1-2, weekly.

Année 3 contains index to année 1-3.

**Göteborgs kungl. vetenskaps och vitterhets-samhälle.** Handlingar. ser. 4, v. 4. v. p. 8°. Göteborg, [1902].

**Hamilton scientific association.** Journal and proceedings, 1901/02. no. 18. pp. 125. il. por. 8°. [Hamilton], 1902.

**Indiana academy of science.** Proceedings, 1901. pp. 306. il. pl. 8°. Indianapolis, 1902.

**Lübeck (Ger.), Geographische gesellschaft in.** Mitteilungen der Geographischen gesellschaft und des Naturhistorischen museums in Lübeck. ser. 2, no. 15. pp. 109. il. 4°. Lübeck, 1901.

**Mâcon, Académie de.** Annales. ser. 3, v. 5. pp. 102 + 517. pl. 48. 8°. Mâcon, 1900.

**Mathematische und naturwissenschaftliche berichte aus Ungarn, mit unterstützung der Ungarischen akademie der wissenschaften und der Königlich ungarischen naturwissenschaftlichen gesellschaft . . . redigiert von August Heller.** v. 17. pp. 364. il. 1 pl. 8°. Leipz., 1901.

**Mitteilungen** aus dem Osterlande; hrsg. von der Naturforschenden gesellschaft des Osterlandes zu Altenburg i. S.-A. n. s., v. 10 (v. 29.) pp. 105. 8°. Altenburg i. S.-A., 1902.



**Museum francisco-carolinum, Linz, Austria.** 59. jahresbericht nebst der 53. lieferung der Beiträge zur landeskunde von Oesterreich ob der Enns. pp. 297. il. 8°. Linz, 1901.

**New York (state)—Museum.** 54th annual report of the regents. v. 1, 1900. pp. 261 + 195 + 484. il. pl., maps. 8°. Alb., 1902.

**New Zealand institute.** Transactions and proceedings, 1901. v. 34 (n. s., v. 17). pp. 627. 1 port. pl. 42. 8°. Wellington, 1902.

**Pisa, Reale università di—Laboratorio di chimica agraria.** Studi e ricerche, 1900-1901. fasc. 17. v. p. 8°. Pisa, 1902.

**Rennes (France), Université de.** Travaux scientifiques. v. 1, no. 2. il. 4°. Rennes, 1902.

**Royal philosophical society of Glasgow.** Proceedings, 1901/02. v. 33. 8°. Glasgow, 1902.

**Royal society of Canada.** Proceedings and transactions, 1898-1901. ser 2, v. 4-7. il. por. pl. maps. 4°. Ottawa, 1898-1901.

"Bibliography of Sir John William Dawson:" ser. 2, v. 7, sect. 4, pp. 15-44.

"Bibliography of Canadian zoology for 1900, exclusive of entomology:" ser. 2, v. 7, sect. 4, pp. 87-91.

"Bibliography of Canadian entomology for the year 1900:" ser. 2, v. 7, sect. 4, pp. 135-139.

"Botanical bibliography of Canada, 1900:" ser. 2, v. 7, sect. 4, pp. 141-142.

**Royal society of Queensland.** Proceedings. v. 17, pt. 1. pp. 24 + 17. il. 8°. Brisbane, 1902.

**Royal society of Victoria.** Proceedings. n. s., v. 15, pt. 1. pp. 85. 8°. Melbourne, 1902.

**Société libre d'agriculture, sciences, arts et belles-lettres de l'Eure.** Recueil des travaux, 1901. ser. 5, v. 9. pp. 171 + 81. 8°. Évreux, 1902.

**Société savoisienne d'histoire et d'archéologie.** Mémoires et documents, 1900-01-1901/02. v. 39-40 (ser. 2, v. 14-15). il. 8°. Chambéry, 1900-1901.

**Verona, Accademia d'agricoltura, scienze, lettere, arti e commercio di.** Atti e memorie. v. 77 (ser. 4, v. 2). pp. 36 + 353. fold. tab. 8°. Verona, Stabilimento tipo-lit. G. Franchini, 1901-02.

**Zeitschrift für instrumentenkunde; organ für mittheilungen aus dem gesammten gebiete der wissenschaftlichen technik, 1881-83.** v. 1-3. il. 4°. Berl., Julius Springer, 1881-83.

Completes set.

### 36. BIOGRAPHY.

**Tyler, Harry Walter.** John Daniel Runkle, 1822-1902; a memorial. pp. 32. 1 por. 8°. Boston, 1902.

Agr 2-198

Reprinted from the *Technology review*, v. 4, no. 3.

**Zur erinnerung an Herrn Prof. Dr. B. Wartmann, museums-direktor von St. Gallen.** pp. 36. port. 8°. n. p., [1902].

Agr 2-199

### 37. REFERENCE BOOKS, BIBLIOGRAPHY, AND LIBRARY ECONOMY.

**Barrow, J. W.** French conversion tables; francs and centimes into dollars and cents, and dollars and cents into francs and centimes, from 5.10 to 5.38½ (both inclusive), progressing by ½ centimes. pp. 92. 4°. N. Y., Charles H. Clayton & co., [1881].

Agr 2-194

**Blue book textile directory of the United States and Canada, comprising cotton, woolen, silk, jute, flax, and linen manufacturers, dyers, bleachers, and print works, commission merchants, yarn dealers, waste dealers, rag dealers, cotton goods converters, and brokers, raw, thrown, and spun silk dealers, dry goods jobbers, &c.,**

and a complete textile supply directory. Office edition. 15th annual edition, 1902-03. pp. 700. maps. 8°. N. Y., Davison publishing co., 1902.

**Book-prices current**, a record of the prices at which books have been sold at auction, from Oct. 1901 to July 1902. v. 16, pt. 4. pp. 385-762. 8°. Lond., Elliot Stock, 1902.

**Boston—Public library.** 50th annual report of the trustees, 1901/02. pp. 168. pl. map, tab. 8°. Boston, 1902.

**Bowker**, Richard Rogers, *compiler*. State publications; a provisional list of the official publications of the several states of the United States from their organization. pt. 2. North central states. pp. 101-285. 8°. N. Y., Office of the Publishers' weekly, 1902.

**Cundall**, Frank, *compiler*. *Bibliographia Jamaicensis*; a list of Jamaica books and pamphlets, magazine articles, newspapers, and maps, most of which are in the library of the Institute of Jamaica. pp. 83. 8°. Kingston, Jamaica, Institute of Jamaica, [1902].

Agr 2-197

**Great Britain—Patent office—Library.** Subject list of works on domestic economy, foods, and beverages, including the culture of cacao, coffee, barley, hops, sugar, tea, and the grape, in the library of the Patent office. pp. 136. 16°. Lond., 1902. (PATENT office library series, no. 9; Bibliographical series, no. 6.)

**Great Britain—Patent office—Library.** Subject list of works on the textile industries and wearing apparel, including the culture and chemical technology of textile fibres, in the library of the Patent office. pp. 127. 16°. Lond., 1902. (PATENT office library series, no. 10; Bibliographical series, no. 7.)

**Great Britain—Stationery office.** Quarterly list (with prices and postage affixed) of official publications issued by H. M. stationery office in 1902; Oct. 1902. pp. 36. 8°. Lond., 1902.

This list supersedes all previous lists of 1902.

**Great Britain—Stationery office.** Quarterly list (with prices and postage affixed) of parliamentary publications issued by H. M. stationery office in 1902; Oct. 1902. pp. 110. 8°. Lond., 1902.

This list supersedes all previous lists of 1902.

**International year book**; a compendium of the world's progress during the year 1901. pp. 900. por. pl. maps. 8°. N. Y. [c1902].

**John Crerar library, Chicago.** List of current periodicals in the reading room, June, 1902. pp. 97. 4°. Chicago, 1902.

**Latham**, John Howard. Sterling conversion tables; pounds into dollars and dollars into pounds; under act of 3d March, 1873; from \$4.75 by half cent to \$4.96½ per £1. pp. 141-[238]. 4°. N. Y., Charles H. Clayton & co., [1873].

Agr 2-195

**Lübeck, Stadtbibliothek zu.** Bericht über die verwaltung der Stadtbibliothek, 1901. pp. 4. 4°. [Lübeck, 1902.]

**March**, Francis Andrew, and **March**, Francis Andrew, jr., *compilers*. Thesaurus dictionary of the English language, designed to suggest immediately any desired word needed to express exactly a given idea. pp. 1189. pl. 4°. Phila., Historical publishing company, [c1902].

2-23975

**New international encyclopædia.** v. 3-4. il. pl. maps. 4°. N. Y., Dodd, Mead & co., 1902.

Edited by Daniel Coit Gilman, Harry Thurston Peck, and Frank Moore Colby.

*Contents*:—Big—Colenso.

**Pennell**, Joseph. Illustration of books; a manual for the use of students; notes for a course of lectures at the Slade school, University college. pp. 166. 12°. London, T. Fisher Unwin, 1896.

**Pennsylvania**—*Public printing and binding, Superintendent of.* Annual report for the year ending June 30, 1901. pp. 41. 8°. [Harrisburg], 1902.

**Pennsylvania**—*State library.* Report, 1900-01. pl. 8°. [Harrisburg], 1901-02.

**Publishers'** trade list annual; index, 1902. pp. 1104. 4°. N. Y., Office of the Publishers' weekly, 1902.

**Real academia española.** Diccionario de la lengua castellana. Ed. 13. pp. 1054. f°. Madrid, Hernando y compañía, 1899. 1—17395

**St. Louis**—*Public free library.* Annual report of the Board of directors, 1897/98-1900 01. 4°. St. Louis, 1902.

**Tables** of German exchange, showing the value of marks and pfennige in dollars and cents, and dollars and cents in marks and pfennige, at rates of exchange increasing by eighths from 93 to 97. unp. 4°. N. Y., C. H. Clayton & co., 1902 [°1881].

Agr 2—196

**Vallée, Léon.** Bibliographie des bibliographies; première partie: catalogue des bibliographies générales et particulières, par ordre alphabétique d'auteurs . . . seconde partie: Répertoire des mêmes bibliographies par ordre alphabétique de matières. pp. 773. 4°. Paris, Em. Terquem, 1883. 2—6111

— — — Supplément. pp. 354. 4°. Paris, Em. Terquem, 1887.



BULLETINS—Continued.

- No. 38. Accessions to the Department Library, July–September, 1901.
- 39. Accessions to the Department Library, October–December, 1901.
- 40. Accessions to the Department Library, January–March, 1902.
- 41. List of references to publications relating to irrigation and land drainage; compiled by Ellen A. Hedrick. 1902.
- 42. Catalogue of the publications relating to botany in the library of the U. S. Department of Agriculture. 1902.
- 43. Accessions to the Department Library, April–June, 1902.
- 44. Accessions to the Department Library, July–September, 1902.

INDEX CARDS TO PUBLICATIONS OF THE U. S. DEPARTMENT OF AGRICULTURE.

- Issue 1. Cards no. 1–142, indexing Yearbook, 1894–1898. Reprint, 1902.
- 2. Cards no. 143–245, indexing Farmers' Bulletins 1–100.
- 3. Cards no. 246–403, indexing Yearbook, 1899; Farmers' Bulletins 101–118.
- 4. Cards no. 404–644, indexing Farmers' Bulletins 119–128;  
Division of Accounts [special reports], 1894–1898;  
Division of Soils, Bulletins 1–16, Circulars 1–7;  
Division of Agrostology, Bulletins 1–24, Circulars 1–28.  
Division of Botany, Bulletins 1–24, Circulars 1–3, 5–29;  
Contributions from the National Herbarium, v. 1–5.
- 5. Cards no. 645–743, indexing Yearbook, 1900; Farmers' Bulletins 129–135, 137–141.

